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ONTARIO GEOLOGICAL SURVEY

Open File Report 6035

Nakina–Longlac Area Lake Sediment Survey: Operation Treasure Hunt—Area B

by

Ontario Geological Survey

2000

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TABLE OF CONTENTS

ABSTRACT ix

INTRODUCTION 1

PHYSIOGRAPHY AND GEOLOGY 1

SAMPLING METHODS 3

SAMPLE PREPARATION AND ANALYTICAL METHODS 3

QUALITY CONTROL RESULTS 3

GEOCHEMICAL DATA INTERPRETATION 7

DISCUSSION OF WATER LIMNOLOGICAL PARAMETERS 13

DESCRIPTION OF SELECTED ANOMALOUS AREAS 15

CONCLUSIONS 26

REFERENCES 26

APPENDICES 27

APPENDIX A Proportional dot maps of lake water pH, conductivity; lake depth and Ca in lake sediment; Maps 1, 2 and 3 27

APPENDIX B Proportional dot maps of Ag, As, Au(FA), Au (INAA), Ce, Co, Cr, Cu, Fe, La, LOI, Mn, Mo, Nb, Ni, Pb, Pd, Pt, PGEs, V, W, Yb and Zn in lake sediment; Maps 1, 2 and 3 41

APPENDIX C Lake sediment analytical data for Lake Depth, LOI, Ag, As, Au(FA), Au(INAA), Cr, Cu, Fe, Mo, Ni, Pb, Pd, Pt, PGEs, V and Zn 111

CONVERSION TABLE 144

Figures

Figure 1 Location map of OTH lake sediment survey areas completed in 1999 2
Figure 2 Generalized bedrock geology of Map 1 5
Figure 3 Generalized Quaternary geology of Map 1 6
Figure 4 Generalized bedrock geology of Map 2 8
Figure 5 Generalized Quaternary geology of Map 2 9
Figure 6 Generalized bedrock geology of Map 3 11
Figure 7 Generalized Quaternary geology of Map 3 12
Figure 8 Map 1 - Location of geochemically anomalous areas 14
Figure 9 Land tenure of Map 1 showing geochemically anomalous areas described in text 16
Figure 10 Map 2 - Location of geochemically anomalous areas 20
Figure 11 Land tenure of Map 2 showing geochemically anomalous areas described in text 22
Figure 12 Map 3 - Location of geochemically anomalous areas 24
Figure 13 Land tenure of Map 3 showing geochemically anomalous areas described in text 25
Figure 14 Sample Site Location Map, Map 1 .... back pocket
Figure 15 Sample Site Location Map, Map 2 .... back pocket
Figure 16 Sample Site Location Map, Map 2 .... back pocket

Tables

Table 1 Operation Treasure Hunt - Area B Lake sediment dataset; summary of elements analyzed by ICP, FA/ICP and INAA and quality control data, including estimates of precision 4

ABSTRACT

Fieldwork for a lake sediment geochemical survey of the Nakina-Longlac area, located approximately 200 km northeast of Thunder Bay, was carried out in September and October, 1999. This survey was undertaken under the auspices of Operation Treasure Hunt (OTH), a 3 year program of geological, geochemical and geophysical investigations of Ontario. This report (and digital data release) is the third OTH lake sediment survey to be released. Lake sediment samples were collected at 2467 lake sites. Preliminary interpretation of the survey data shows the presence of more than 50 anomalous areas or locations. Anomalous elements include: Au, Pt, Pd, Cr, Cu, Zn, Ni and Mo. This survey has generated new target areas for potential PGE, Au and base metal mineralization. As of October 2000, most of the anomalous areas or locations were available for staking. Digital geochemical data for this survey has been released separately from this report as Miscellaneous Release-Data (MRD) 64.

INTRODUCTION

Operation Treasure Hunt (OTH) is a 3 year program of geological, geochemical and geophysical investigations of Ontario, covering areas of high mineral potential as well as areas traditionally considered to have unknown mineral potential. The type of geoscientific survey, locations and areal extent, follow the recommendations received from the technical sub-committee of the Ontario Geological Survey Advisory Board. Two major components of the OTH program are surficial geochemical/indicator mineral surveys and airborne geophysical surveys. The first Open File Reports of the lake sediment sampling component of OTH were published in April and September 2000 (OFR 6014 and OFR 6027 respectively). This report describes the third release of lake sediment geochemical data covering the Nakina-Longlac area in northwestern Ontario.

The lake sediment sampling was carried out during the period August to October, 1999 by a private contractor under contract to the Ontario Geological Survey (OGS). Three separate project areas were completed during 1999 (areas A, B and C), while sampling of Area D was completed during the year 2000 field season (see Figure 1). This report and data release concerns Area B only, known as the Nakina-Longlac survey area, located approximately 200 km northeast of Thunder Bay. The survey area is represented on NTS, 1:50 000 scale map sheets 42 E/9, 42 E/15, 42 E/16, 42 F/11, 42 F/12, 42 F/13, 42 L/1, 42 L/7 and 42 L/8.

This study area has not previously been sampled either by the Ontario Geological Survey or during the National Geochemical Reconnaissance (NGR) lake sediment program carried out jointly by the Geological Survey of Canada and the OGS during the late 1970s and early 1980s.

A total of 2467 lake sediment samples were submitted for analysis at a commercial laboratory for over 50 elements, including Au, Pt and Pd. Limnological (water quality) parameters were also collected at most lake sites. The data described in this report is available digitally in spreadsheet (wk1) format as Miscellaneous Release - Data 64 (MRD-64).

For presentation purposes in this report, the study area has been sub-divided into three equally sized areas termed Maps 1, 2 and 3.

PHYSIOGRAPHY AND GEOLOGY

Gentle topographic relief characterizes much of the study area with local relief not often exceeding 20 m. Typically, relief over greenstone belts is more rugged than in areas of granitic bedrock; the latter is characterized by rounded hills and shallow slopes.

A generalized version of the bedrock geology is depicted in Figures 2, 4 and 6, based on the Geology of Ontario compilation (Ontario Geological Survey 1991). Detailed bedrock or Quaternary geological mapping has not been conducted over most of the survey area. The most recent regional compilation of the Quaternary geology of the area has been completed by Barnett et al. (1991). Figures 3, 5 and 7 show a generalized Quaternary geology for the survey area based on the work of Barnett et al. (1991).

The surficial geology of over 50% of the survey area has been mapped as thin discontinuous drift over bedrock. Accumulations of glaciofluvial and glaciolacustrine sand and gravel are locally extensive, most notably in the central portion of Map 1, northeast of the town of Longlac and in the north-central part of Map 3 near Wabaimiga Lake. The extensive silts, clays and tills of the James Bay lowlands terrain was avoided during this sampling program.

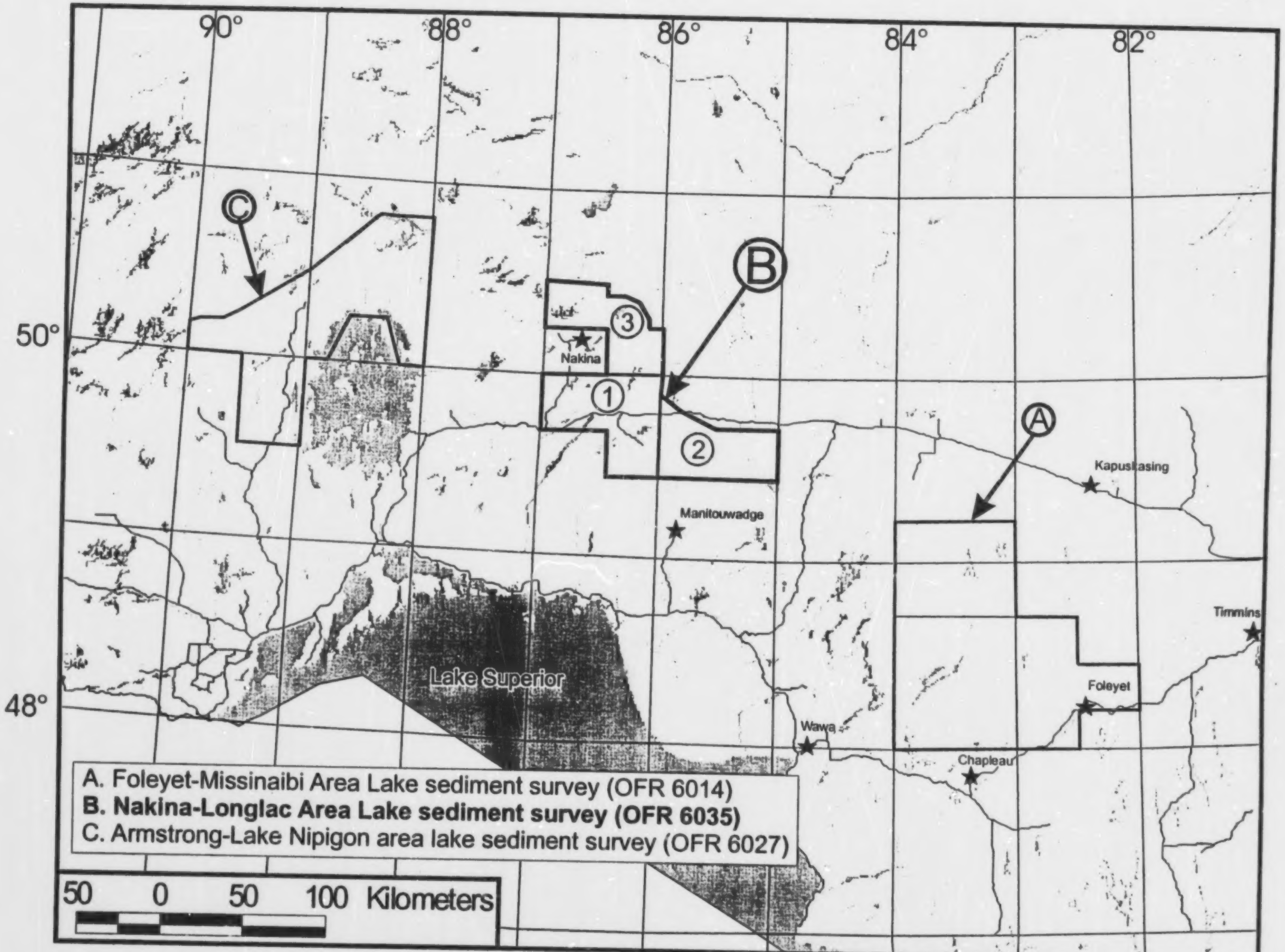

90°
88°
86°
84°
82°
50°
48°
C
B
A
3
1
2
Nakina
Manitouwadge
Kapuskasing
Timmins
Foleyet
Chapleau
Wawa
Lake Superior
A. Foleyet-Missinaibi Area Lake sediment survey (OFR 6014)
B. Nakina-Longlac Area Lake sediment survey (OFR 6035)
C. Armstrong-Lake Nipigon area lake sediment survey (OFR 6027)
50 0 50 100 Kilometers

Figure 1: Location map of OTH lake sediment survey areas completed in 1999. (Note the subdivision of Area B into 3 map areas)

SAMPLING METHODS

Organic lake sediment samples were collected from a helicopter float, using a gravity corer. In order to avoid anthropogenic influences and water/sediment interface effects (i.e., diagenetic cycling of Mn due to anoxic conditions resulting in secondary scavenging/accumulation of base metals), only deep sediment (>20 cm below the sediment surface) was collected. This sediment better reflects the effects of natural geochemical inputs that may be traced to local geology. Water quality parameters (e.g., pH, conductivity, oxidation-reduction potential, dissolved oxygen) were obtained from most lake sites using a YSI water quality analyzer. This was done using a submersible pump, plastic hoses and a flow cell. Water was pumped from the lake and allowed to purge the hoses and flow cell prior to the recording of water quality parameters. A GPS receiver was utilized to record accurate sample site positions. Field notes were recorded on standardized forms and entered into a Microsoft Access database at the end of each day.

SAMPLE PREPARATION AND ANALYTICAL METHODS

Lake sediment samples were placed in plastic Whirl-Pak bags and shipped to the laboratory in batches of 500 to 1000 samples. A total of 2467 sediment samples were submitted to the laboratory. The samples were transferred to polystyrene dishes and air dried at a temperature not exceeding 60 ° C. Dried samples were then disaggregated using a ring and puck pulverizer made of mild steel. Mild steel was specifically chosen for this procedure as it is relatively non-contaminating; it contributes very minimal Fe to the samples it comes in contact with. Samples were then sieved to obtain the <80 mesh (<177 µm) size fraction.

Laboratory analysis consisted of nitric-aqua regia digestion of 1 gm of sample pulp followed by inductively coupled plasma-mass spectrometry (ICP-MS) and inductively coupled plasma-optical emission spectroscopy (ICP-OES) to determine approximately 50 trace elements. Nitric acid-aqua regia digestion attacks all sample matrix constituents, except for silicate minerals, and therefore is considered a nonselective, relatively strong partial extractant.

If sufficient sample pulp was available, 10 gm of material was analyzed by fire assay with ICP-MS finish to determine Au, Pt and Pd. There was sufficient material to analyze 2187 samples by FA/ICP-MS.

Approximately 15 gm of sample pulp was pressed into briquettes prior to analysis by instrumental neutron activation analysis (INAA) for Au, As and a suite of 25 other elements.

Quality control was monitored through the use of sample pulp duplicates and certified reference materials. Loss-on-ignition (LOI) was determined at 500° C, using a standard furnace-gravimetric technique.

QUALITY CONTROL RESULTS

Every 10th sediment sample submitted was a quality control (QC) sample. The QC sediment samples consisted of field duplicates, analytical (pulp) duplicates, certified reference standards (CRS) and an internal (OGS collected) bulk standard. Field (method) duplicates were inserted with a frequency of 1 in 40. Analytical pulp duplicates were prepared by halving 1 in 40 of the dried sample pulps and inserting them into the sample sequence. CANMET certified reference standards (LKSD 1 and 4, Lynch 1990) and an OGS internal standard were also inserted as dried pulps between the sample preparation and analysis stages. Every 20th sample was either a CRS or an OGS

				Lake Sediment (n=2467)				LKSD-1 Reference Standard (n=46)			LKSD-4 Reference Standard (n=47)		
Element	Analytical Method	Units	MDL	Median	RANGE		Estimated Precision	Certified Value	Mean Q.C. Result	Coefficient of variation (%)	Certified Value	Mean Q.C. Result	Coefficient of variation (%)
					Min	Max							
Ag	ICP-MS	ppm	0.05	0.06	<0.05	0.83	±0.04	0.6	0.69	11.8	0.2	0.27	11.3
Al	ICP-OES	ppm	100	4560	170	22060	±1600	41300	4354	8.3	31200	12974	7.2
As	INAA	ppm	0.5	3.7	<0.5	79.2	±3	40	38.8	9.0	16	16.4	12.7
Au	FA-ICP-MS	ppb	1	<1	<1	210	±2	5	n/a	n/a	2	2.5	27.7
Au	INAA	ppb	2	3	<2	215	±6	5	5	29.2	2	3	40.5
B	ICP-OES	ppm	10	<10	<10	47	n/a	49	<10	n/a	22	<10	14.3
Ba	ICP-OES	ppm	3	54	6	272	±10	430	48	37.4	330	31	40.8
Be	ICP-OES	ppm	0.5	<0.5	<0.5	1.5	±0.01	1.1	<0.5	n/a	1	0.5	20.4
Bi	ICP-MS	ppm	0.1	<0.1	<0.1	0.4	n/a	-	1.0	14.0	-	0.6	10.4
Br	INAA	ppm	0.5	36.5	<0.5	288	±10	-	10.6	15.6	-	48.4	14.6
Ca	ICP-OES	ppm	100	18690	2080	>300000	±8000	77200	73088	6.1	12900	9989	6.7
Cd	ICP-MS	ppm	0.1	0.5	<0.1	3.2	±0.2	1.2	1.6	11.7	1.9	2.5	9.4
Ce	ICP-OES	ppm	0.05	16.7	<0.05	118.0	±12	27	19.4	12.0	48	43.4	9.1
Co	ICP-OES	ppm	0.1	4.1	<0.1	21.3	±1.6	9	8.6	8.1	11	11.1	6.7
Cr	ICP-OES	ppm	1	17	<1	256	±6	12	14	8.9	21	24	9.6
Cs	ICP-MS	ppm	0.05	0.49	<0.05	3.05	±0.3	1.5	0.54	10.7	1.7	1.02	11.1
Cu	ICP-OES	ppm	1	19	1	234	±3	44	46	6.8	30	33	6.5
Eu	INAA	ppm	0.2	0.4	<0.2	2.8	±0.8	-	1.0	30.6	-	1.0	33.3
Fe	ICP-OES	ppm	100	7830	212	165880	±4000	18000	19628	6.9	27000	27173	6.8
Hf	INAA	ppm	1	2	<1	11	±2	-	3	22.9	-	3	29.4
Ir	FA-ICP-MS	ppb	0.3	<0.3	<0.3	0.5	n/a	-	n/a	n/a	-	<0.3	23.7
K	ICP-OES	ppm	100	389	<100	4150	±375	9100	530	11.5	6600	1148	10.4
La	INAA	ppm	0.05	13.55	0.43	208	±5	-	16.02	8.7	-	26.57	10.0
Li	ICP-OES	ppm	1	5	<1	33	±3	7	4	12.0	12	9	9.5
LOI	Grav.	%	0.01	56	0.5	93.1	±2	23.5	22.3	3.0	40.8	39.0	1.7
Lu	INAA	ppm	0.05	0.12	<0.05	6.82	±0.25	-	0.33	29.6	-	0.14	43.9
Mg	ICP-OES	ppm	100	2730	395	40430	±2000	10300	6288	7.1	5400	3839	7.4
Mn	ICP-OES	ppm	1	119	25	12840	±60	460	458	7.1	430	463	6.9
Mo	ICP-MS	ppm	0.2	2	<0.2	45.7	±0.3	12	12.1	11.4	2	2.2	12.3
Na	INAA	ppm	100	3635	<100	30570	±5000	-	15388	13.7	-	5705	15.0
Nb	ICP-MS	ppm	0.1	1.4	<0.1	24.9	±1.4	7	1.3	30.7	9	2.6	27.4
Nd	INAA	ppm	5	14	<5	134	±25	-	18	27.7	-	32	25.2
Ni	ICP-OES	ppm	1	14	<1	96	±3	11	14	7.8	32	37	7.3
P	ICP-OES	ppm	50	586	25	12050	±200	900	782	7.2	1300	1455	7.4
Pb	ICP-OES	ppm	2	4	<2	33	±2	84	90	6.9	93	102	6.0
Pd	FA-ICP-MS	ppb	0.3	0.4	<0.3	4.6	±0.5	-	n/a	n/a	-	0.6	26.3
Pt	FA-ICP-MS	ppb	0.3	0.5	<0.3	39.4	±0.4	-	n/a	n/a	-	0.7	24.2
Rb	ICP-MS	ppm	0.2	5.2	0.3	38.1	±4	24	3.9	12.9	28	10.6	12.6
Rh	FA-ICP-MS	ppb	0.3	<0.3	<0.3	1.1	n/a	-	n/a	n/a	-	<0.3	n/a
S	ICP-OES	ppm	100	4870	351	46770	±400	15700	16797	7.9	9900	10545	7.4
Sb	ICP-MS	ppm	0.1	<0.1	<0.1	2.8	±0.05	1.2	0.7	14.7	1.5	1.1	13.9
Sc	INAA	ppm	0.1	3.4	<0.1	12.7	±1.8	-	8.1	8.6	-	7.0	10.5
Sm	INAA	ppm	0.1	2.0	<0.1	19.9	±1.5	-	3.6	15.5	-	3.3	26.1
Sn	ICP-MS	ppm	0.5	<0.5	<0.5	71.1	±0.35	16	3.5	15.3	5	3.6	12.6
Sr	ICP-OES	ppm	1	24	4	200	±6	250	69	6.6	110	38	6.6
Ta	INAA	ppm	0.5	<0.5	<0.5	5.7	±1.7	-	0.5	66.8	-	0.5	64.6
Tb	ICP-MS	ppm	0.1	0.2	<0.1	1.3	±0.1	0.6	0.3	14.6	1.2	0.6	9.0
Th	INAA	ppm	0.2	3.5	<0.2	34.6	±2.8	-	2.2	25.0	-	4.8	22.1
Ti	ICP-OES	ppm	100	172	<100	1400	±200	3010	378	12.9	2270	439	10.2
Tl	ICP-MS	ppm	0.1	<0.1	<0.1	0.6	±0.1	-	0.2	19.6	-	0.4	16.6
U	ICP-MS	ppm	0.05	1.59	<0.05	136	±0.6	9.7	10.24	13.7	31	36.94	19.7
V	ICP-OES	ppm	1	14	<1	164	±5	27	24	8.4	32	38	7.9
W	ICP-MS	ppm	0.05	0.23	<0.05	8.41	±0.2	<4	0.85	19.5	<4	0.38	22.1
Y	ICP-OES	ppm	1	5	<1	39	±2	19	10	8.6	23	17	7.8
Yb	ICP-MS	ppm	0.1	0.4	<0.1	3.1	±0.2	2	0.9	10.2	2	1.8	7.9
Zn	ICP-OES	ppm	1	72	4	514	±10	337	350	6.7	189	210	6.4
Zr	ICP-MS	ppm	1	7	<1	67	±5	134	2	25.6	105	3	26.9

Notes:

1. ICP-MS= Inductively Coupled Plasma Mass Spectroscopy.
   (aqua-regia digestion)
2. ICP-OES= Inductively Coupled Plasma Optical Emission Spectroscopy.
   (aqua-regia digestion)
3. INNA= Instrumental neutron activation analysis.
4. MDL=method detection limit.
5. Estimated precision at 95% confidence level; ICP-MS FA-ICP-MS, NAA and OES elements based on results of 75 duplicate pairs.
6. Q.C. Result = Average value obtained, Area B, OTH
7. Coefficient of variation at one standard deviation
   (68% confidence level)
8. LKSD-1 and LKSD-4 are Canmet certified reference materials;
   For ICP elements, quoted reference values for Ag, As, Cd, Co, Cr, Cu, Fe, Hg, Mn, Mo,
   Ni, Pb, Sb, V, Zn determined by partial digestion; all other ICP elements determined with total digestion.
   For INAA elements, quoted reference values for LKSD-1 and LKSD-4 are from total digestion methods

Table 1: Operation Treasure Hunt, Area B lake sediment dataset, summary of elements analyzed by ICP, FA-ICP and INAA and quality control data, including estimates of precision.

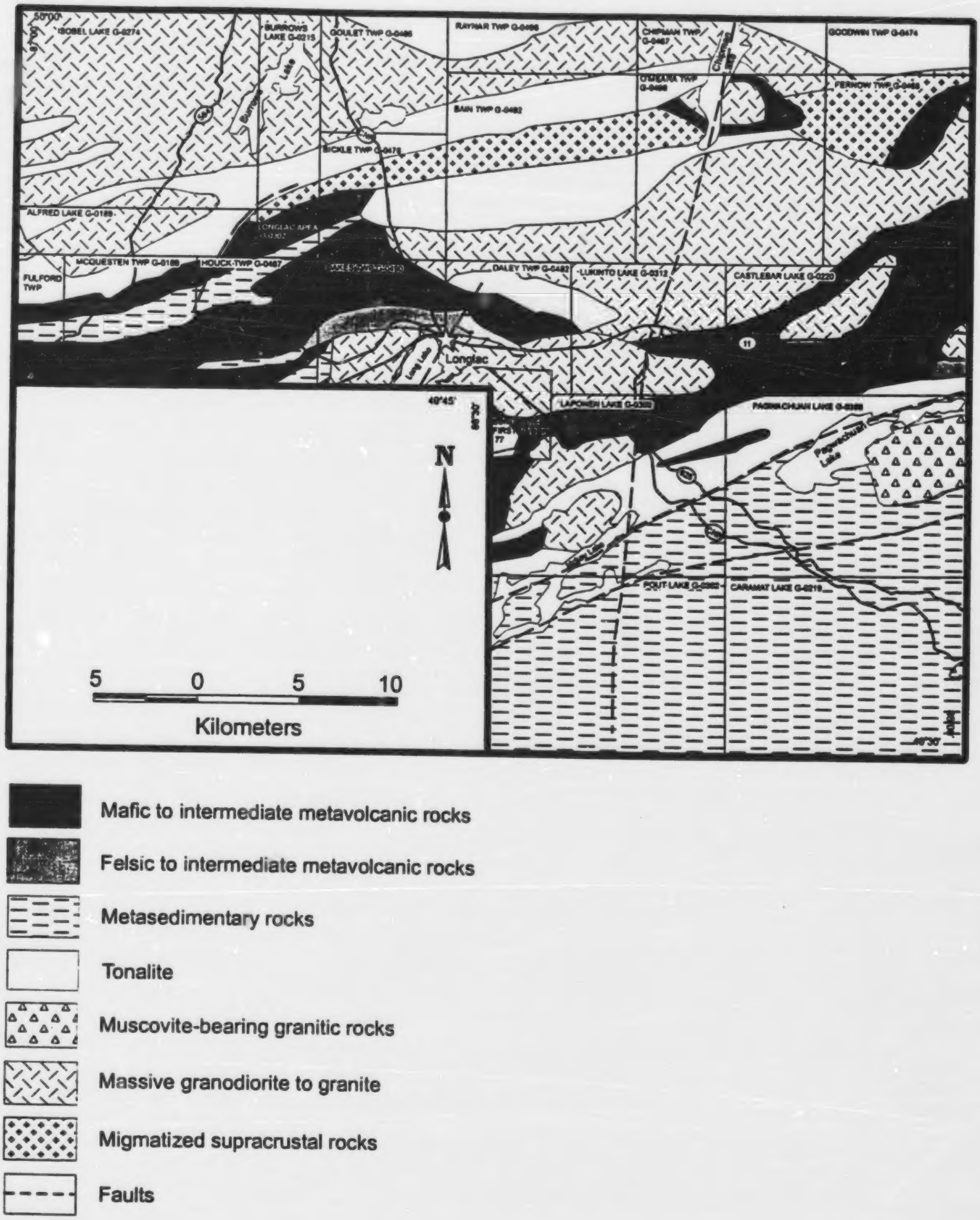

50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
Burrows Lake
GOULET TWP G-0486
RAYNAR TWP G-0498
CHIPMAN TWP G-0487
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0496
FERNOW TWP G-0488
BAIN TWP G-0482
BICKLE TWP G-0476
ALFRED LAKE G-0189
LONGLAC AREA
FULFORD TWP
MCQUESTEN TWP G-0188
HOUCK TWP G-0487
DALEY TWP G-0482
LUKINTO LAKE G-0312
CASTLEBAR LAKE G-0220
11
Long Lake
Longlac
49°45'
86°30'
LAPORIER LAKE G-0300
PAGWACHUAN LAKE G-0389
Pagwachuan Lake
FIRST
77
POUT LAKE G-0362
CARAMAT LAKE G-0219
49°30'
86°00'
N
5
0
5
10
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults

Figure 2: Generalized bedrock geology of Map 1.

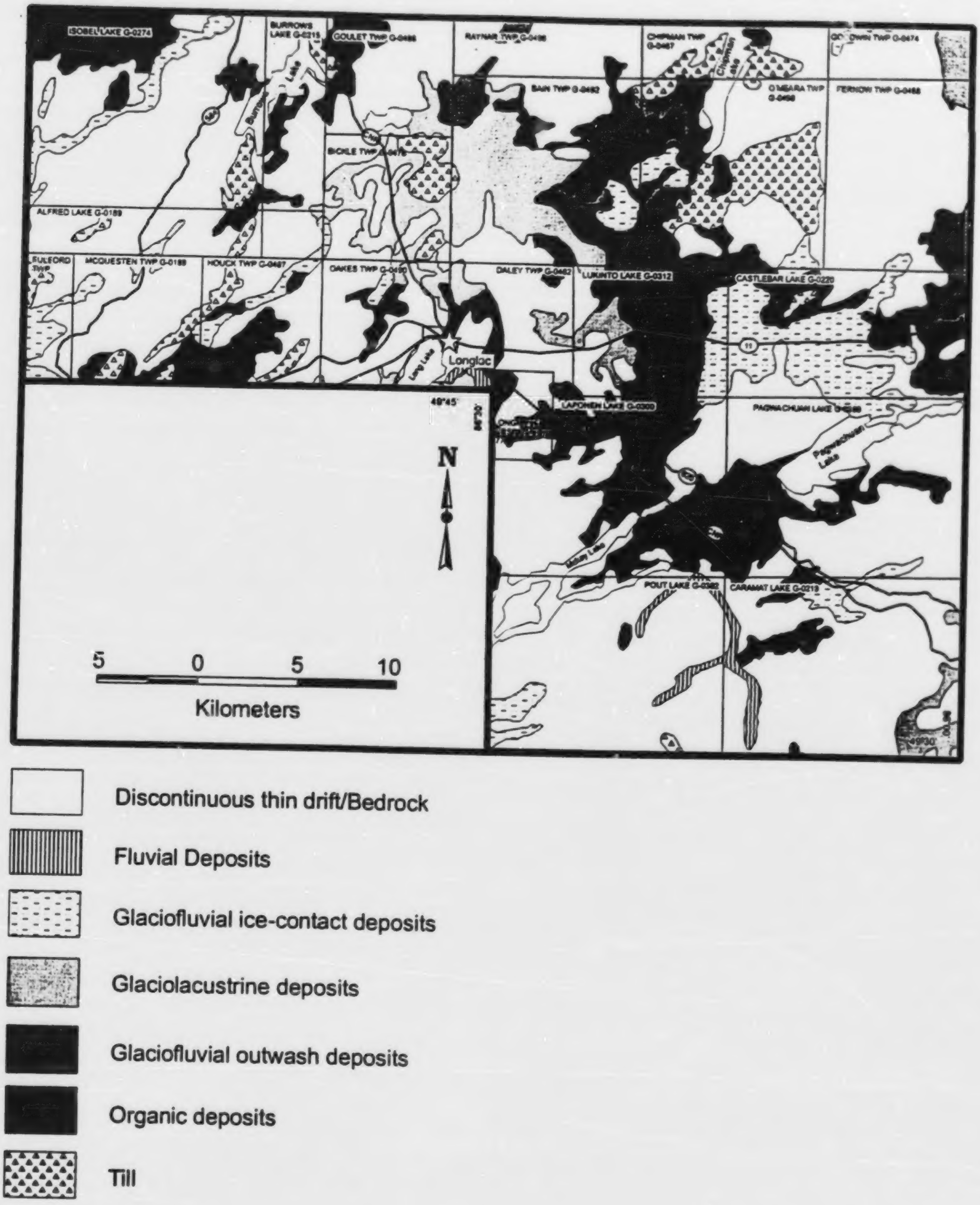

ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0488
RAYNAR TWP G-0496
CHIPMAN TWP G-0467
Chipman Lake
GOODWIN TWP G-0474
BAIN TWP G-0462
O'MEARA TWP G-0498
FERNOW TWP G-0468
Burrows Lake
BICKLE TWP G-0479
ALFRED LAKE G-0189
FULFORD TWP
MCQUESTEN TWP G-0188
HOUCK TWP G-0487
OAKES TWP G-0490
DALEY TWP G-0462
LUKINTO LAKE G-0312
CASTLEBAR LAKE G-0220
11
Long Lake
Longlac
49°45'
86°30'
LAPORTE LAKE G-0309
PAGWACHUAN LAKE G-0490
Pagwachuan Lake
N
Klotz Lake
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°30'
86°00'
5
0
5
10
Kilometers
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till

Figure 3: Generalized Quaternary geology of Map 1.

internal standard. These 3 standards were inserted alternately so that each was repeated every 60th sample.

Table 1 contains a summary of the elements analyzed, including some basic statistics of the geochemical datasets, and quality control data such as estimates of precision and coefficients of variation for the certified reference materials. A complete listing of all data used to prepare these tables will be contained in the Miscellaneous Release – Data (MRD-64) published separately from this report.

Analytical precision for each element was determined by plotting duplicate data on an X-Y chart and determining the variation of 95% of the data from a 1:1 ratio. Accuracy was determined by plotting the sequential values returned for certified reference standards inserted in the batch against a vertical scale of concentration and comparing this with the "provisional values" (Lynch 1990) for the standards. The mean and standard deviation of values returned for each standard were also compared with the provisional values.

In general, the results of the QC samples, sequenced within the INAA sample batches, are noisy, particularly for Au, As, Mo and W. This noise is reflected in the estimates of precision for these elements which are higher than normal for this analytical method. QC data, including the estimates of precision, for some of the INAA elements are contained in Table 1.

Not unexpectedly, the elements As and Hg by ICP-MS had significant QC problems and have been stripped from the dataset. The optimal analytical method for As is by INAA. High quality Hg data was not anticipated because of volatilization during the sample drying procedure. Significant noise in the QC standards for the ICP elements Cd, Nb, Sn and Sb indicate that these elements should be interpreted with caution.

The precision of FA/ICP-MS elements (Au, Pt and Pd) was excellent. The estimated precision for Au, Pt and Pd were ±2, ±0.4 and ±0.5 ppb respectively.

During the field program, the OGS carried out quality control (QC) sampling to monitor the contractors performance. This QC program resulted in the collection of lake sediment and water quality field duplicates/data from 49 sites. The analysis of these samples/data resulted in a significant number of the lake water limnological parameters being rejected. Of 2494 lake sites visited by the contractor, 2011 pH and ORP readings and 1692 conductivity readings have been considered valid and are being published with this report and MRD. Only 767 dissolved oxygen readings have been deemed reliable enough for publication.

GEOCHEMICAL DATA INTERPRETATION

Factors to consider when assessing the possible significance of an anomaly are as follows:

1) Correlation with geology

In mineral exploration, correlation with geology is the most important factor when assessing the significance of a surficial geochemical anomaly, however, its relative importance declines as the known level of detail of the geology declines. Since much of the survey area has never been mapped in detail, many of the geochemical anomalies will help focus and prioritize future geological investigations.

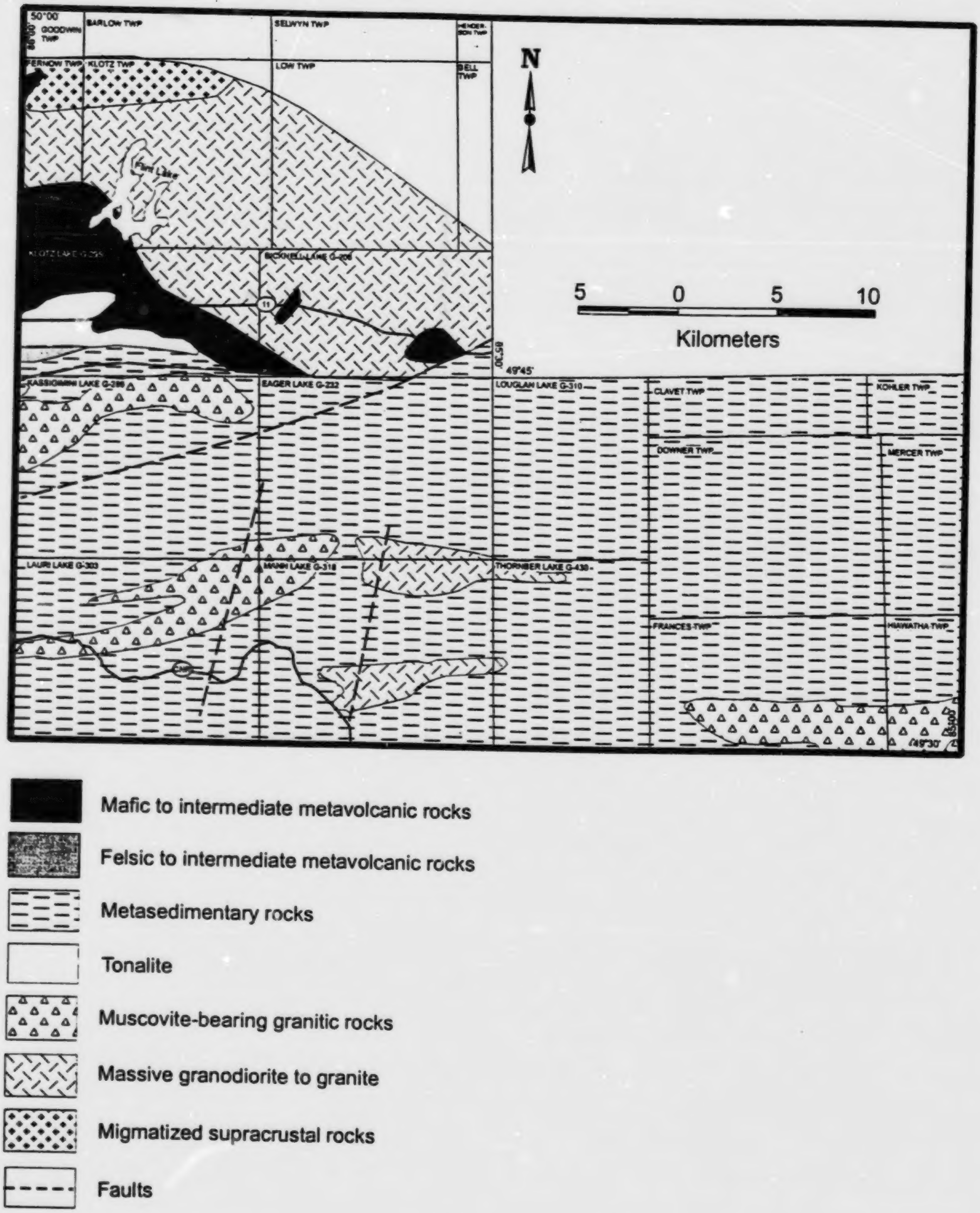
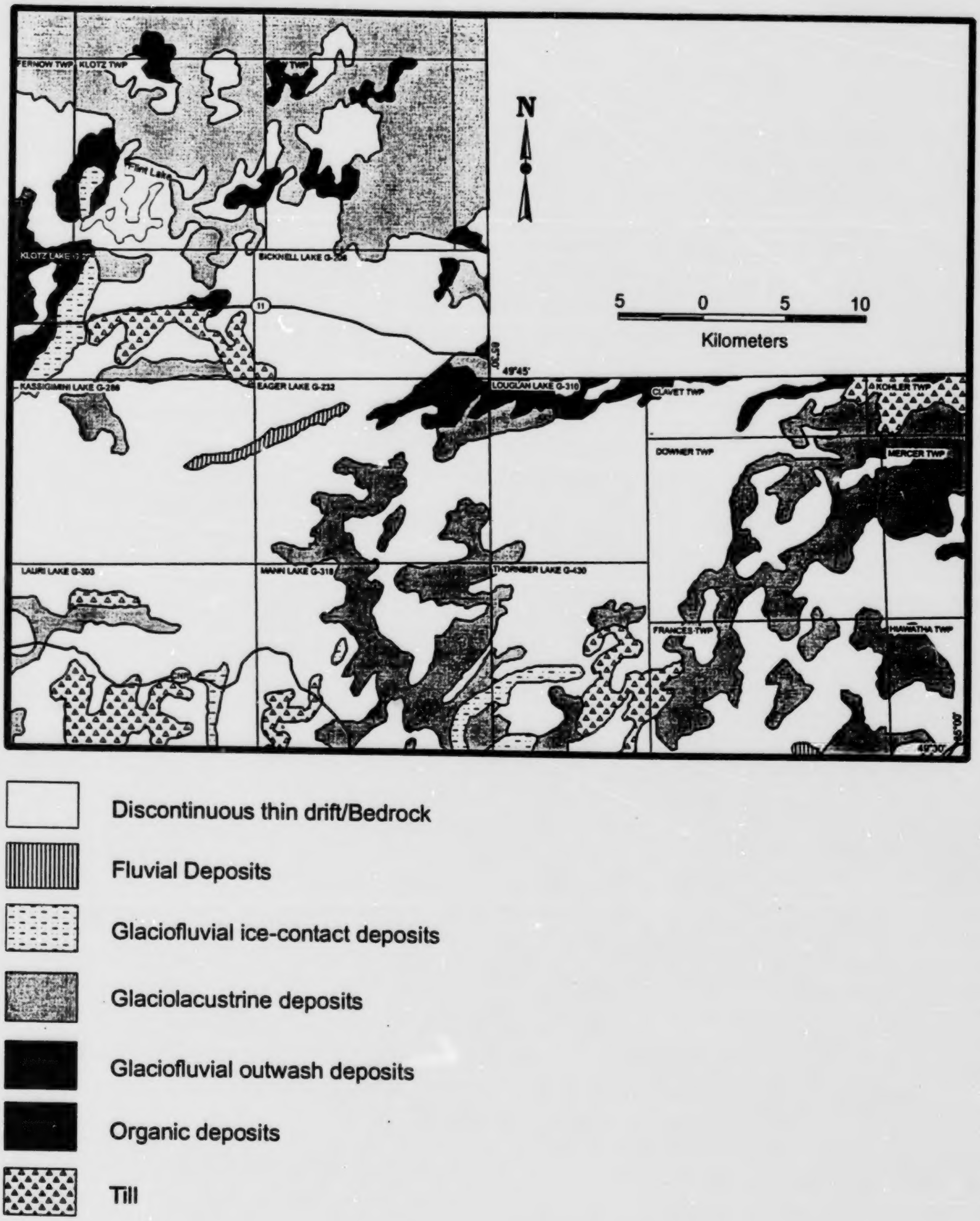

50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
N
Flint Lake
KLOTZ LAKE G-295
BICKNELL LAKE G-2
11
5 0 5 10
Kilometers
85°30'
49°45'
KASSIOMINI LAKE G-29
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-303
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
85°00'
49°30'
■ Mafic to intermediate metavolcanic rocks
▨ Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults

Figure 4: Generalized bedrock geology of Map 2.


FERNOW TWP
KLOTZ TWP
TWP
Flint Lake
N
KLOTZ LAKE G-
BICKNELL LAKE G-306
11
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Kilometers
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-303
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
49°30'
85°00'
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till

Figure 5: Generalized Quaternary geology of Map 2.

2) Multi-site anomalies

Multi-site anomalies provide separate verification of the "anomalousness" of a given area and provide some insurance against non-systematic errors in sample quality, collection, preparation or analysis. However, since samples are collected, prepared and analysed in sequence, a uniform and numerically sequential anomaly may be the result of a systematic analytical or sample preparation error. This might be expected to produce an apparent geographic grouping of fairly uniform concentrations in one, or possibly several, elements. As mentioned above, every effort has been made to detect this kind of problem but the user is reminded to consider all available data when assessing the importance of an anomaly.

3) Multi-element anomalies

Multi-element anomalies with geologically reasonable elemental assemblages are useful in assessing the importance of many anomalies. For example, Pt and Pd, which are relatively immobile in the surficial environment compared to base metals such as Cu, Cr, Ni, Pb and Zn, would not be expected to be found in anomalous levels in a lake sediment without an accompanying base metal signature. Gold on the other hand, can occur in quartz vein deposits with little or no associated base metals; therefore, a gold anomaly by itself can be significant. But a gold anomaly with an associated base metal signature may be even more significant. However, certain multi-element anomalies (e.g., Mo + Zn) can sometimes result from limnological factors (e.g., redox conditions related to deep lakes, relative level of organic material in the sediment).

4) Magnitude of the anomaly

The magnitude of an anomaly, perhaps surprisingly, is one of the least important assessment criteria. Magnitude depends not only on the size of a deposit but on its distance from the lake, the presence and effectiveness of sinks between the source and lake, the limno-geochemical conditions in the lake, the weatherability of the deposit and the character of the surficial deposits (i.e., level of carbonate). The weatherability depends on factors such as exposure and/or depth of burial and on the specific mineralogy of the source. All these factors combine to make magnitude an unreliable estimate of the importance of an anomaly except in extreme cases or in cases where multiple samples and/or media corroborate its importance.

5) Correlation with Surficial Geology

Unconsolidated deposits can, under certain circumstances, cause a greater impact on the chemistry of lake media than can bedrock. Carbonate materials within eskers and thick ice-contact stratified drift deposits often result in relatively hard, alkaline lake waters. This type of lake water provides a geochemical matrix for trace elements which is very different to that of most shield lakes which are mildly acidic and organic-dominated. In general, most metals are relatively immobile in such alkaline conditions, therefore geochemical anomalies might be considered more significant and possibly relatively close to source.

Dilution or addition to the trace metal signature in sediments can occur due to the presence of fine-grained unconsolidated material such as clay. Often a spatial relationship can be seen between

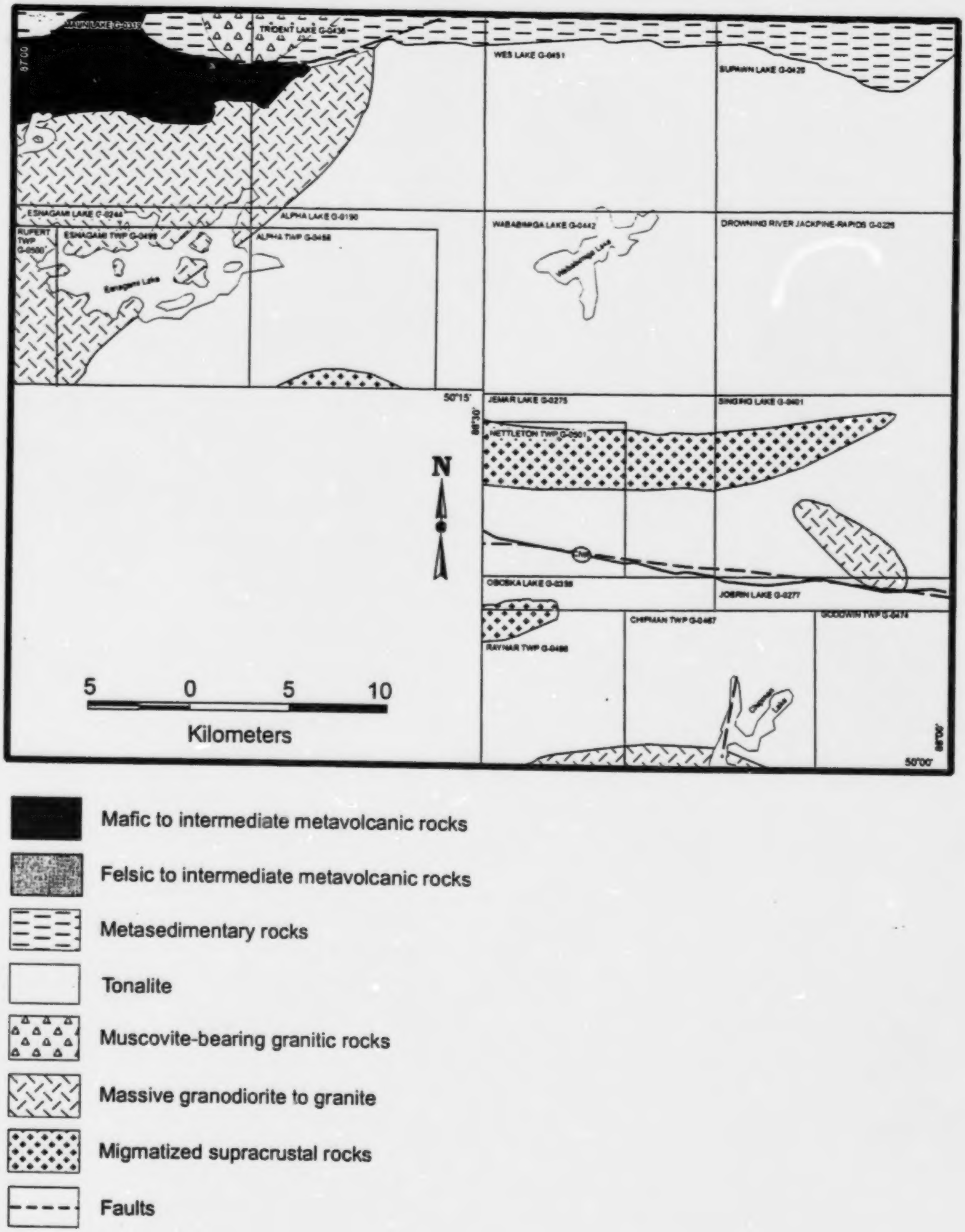

MAUN LAKE G-0319
TRIDENT LAKE G-0436
87°00'
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0190
RUPERT TWP G-0500
ESNAGAMI TWP G-0499
ALPHA TWP G-0458
Esnagami Lake
WABABIMIGA LAKE G-0442
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
N
OBOSKA LAKE G-0356
JOBRIN LAKE G-0277
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
RAYNAR TWP G-0486
5
0
5
10
Kilometers
86°00'
50°00'
■ Mafic to intermediate metavolcanic rocks
▨ Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults

Figure 6: Generalized bedrock geology of Map 3.

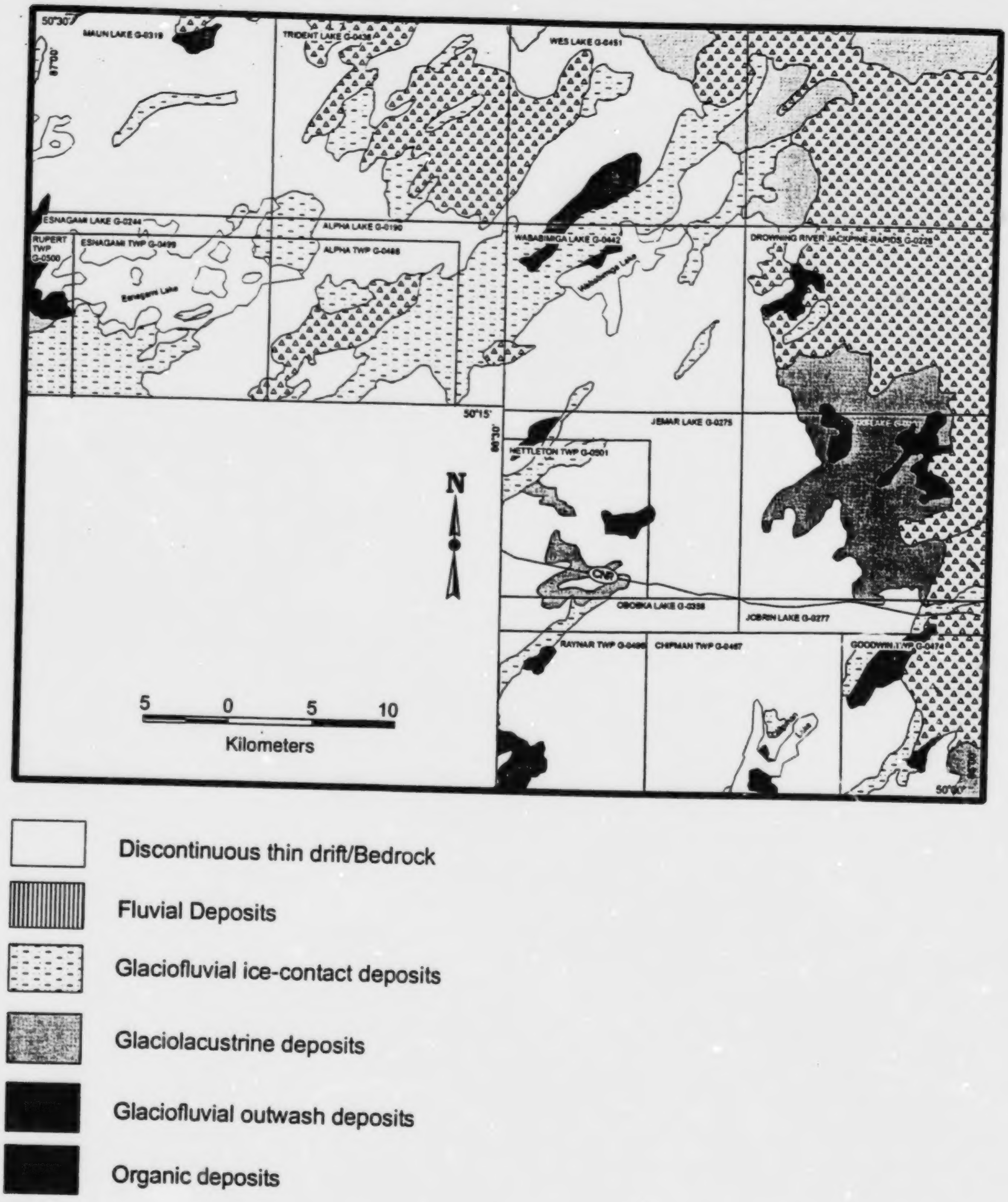

50°30'
87°00'
MAUN LAKE G-0319
TRIDENT LAKE G-0436
WES LAKE G-0451
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0190
RUPERT TWP G-0500
ESNAGAMI TWP G-0499
ALPHA TWP G-0488
Esnagami Lake
WABABIMIGA LAKE G-0442
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
50°15'
86°30'
JEMAR LAKE G-0275
HETTLETON TWP G-0501
N
CNR
OBOSKA LAKE G-0358
JOBRIN LAKE G-0277
RAYNAR TWP G-0496
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
50°00'
5
0
5
10
Kilometers
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till

Figure 7: Generalized Quaternary geology of Map 3.

lake sediment anomalies and glaciofluvial deposits such as eskers. In general, the sample collection and preparation protocols employed by the OGS, when properly carried out, minimizes the deleterious effects of exotic inorganic materials which may be present in the survey areas.

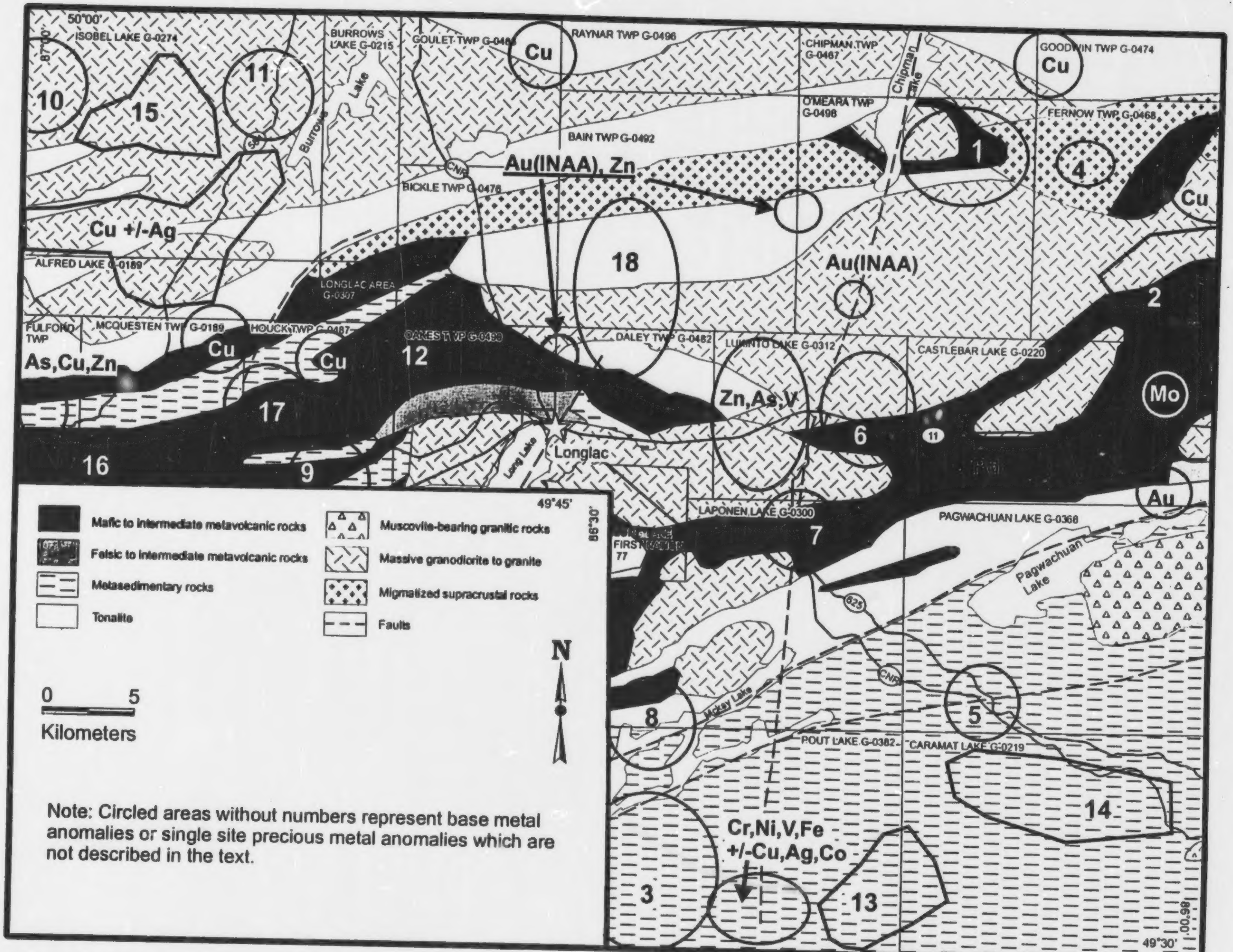
6) Redox conditions, lake depth and organic content

Not all spatial trends in geochemistry are due to lithological or mineralogical factors. The solubility of trace metals depends to a large extent on the geochemical matrix and in particular, on pH and oxidation-reduction (redox) conditions. Redox conditions in a lake are usually controlled by thermal conditions which, in turn, are controlled by lake morphology and lake depth. If conditions are suitable for an element to preferentially partition into the lake sediment, factors that may influence (enhance) the concentration of the element include the abundance of Fe, Mn and organic material. The mechanisms that may lead to "false anomalies" include sorption (scavenging) by hydrous oxides of Fe and Mn and the affinity of some elements to form organo-metallic complexes. Enrichment of some elements in the shallow (surface to 10 cm deep) sediment due to the upward migration and precipitation/concentration of Fe and Mn (and other trace elements such as Co, Pb, Mo and Zn originally co-precipitated with Fe and Mn) can occur. The OGS sampling technique avoids the surface sediment and targets the deep (>20 cm) sediment thereby reducing/minimizing the effects Fe, Mn and base metal enrichment that may occur in the surface sediment, whether by redox cycling or by anthropogenic input. This assumes a similar sedimentation rate in all of the sampled lakes and that the lake sediments deposited over the past several hundred years being undisturbed. This may not always be true. Sedimentation rates can vary depending on the energy of and the input to the depositional environment. Other factors to consider are sediment slumpage/mudslides, the effects of wavebase and the activities of animals. Therefore, the inadvertent collection of some "mixed" (shallow and deep sediment) samples is unavoidable.

DISCUSSION OF WATER LIMNOLOGICAL PARAMETERS

The entire survey area features consistently alkaline conditions ranging from approximately pH 7 to 9, with an average of 8.1. Only 2 lakes in the entire survey area measured less than pH 7. Proportional dot plots of water conductivity, water pH and Ca in lake sediment (Appendix A) display a strong spatial relationship to the thicker accumulations of glaciofluvial and glaciolacustrine deposits in the survey area. With such alkaline conditions in the surficial environment, the solubility (hence the mobility) of many trace elements is decreased. The expected effect is that hydromorphic dispersion of trace metals is less widespread/hindered and the "geochemical signal" is weaker. The dotplots of Ca, conductivity and pH illustrate the same general spatial trend of higher levels over areas of thicker carbonate rich drift. Overall, the dotplots of Ni and Zn, with a few exceptions, show the opposite; mostly lower levels over the areas of thicker drift. Scatterplots of conductivity vs Zn and Ni for the Area B dataset show that Zn is the most affected element, displaying a clear trend to lower Zn levels with increasing conductivity.

This discussion has practical use in the interpretation of the lake sediment data. It is possible that if trace element (in particular trace metals) dispersion is limited by such alkaline conditions, then geochemical anomalies that are identified may be relatively closer to their source. In addition, subtle anomalies may be more significant in this survey, more so than in areas of more acidic surficial conditions.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ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0485
RAYNAR TWP G-0496
CHIPMAN TWP G-0487
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0498
FERNOW TWP G-0468
BAIN TWP G-0492
BICKLE TWP G-0476
Burrows Lake
CNR
10
15
11
Cu
Cu
1
4
Cu
Au(INAA), Zn
Cu +/-Ag
18
Au(INAA)
2
ALFRED LAKE G-0189
LONGLAC AREA G-0307
FULFORD TWP
MCQUESTEN TWP G-0189
HOUCK TWP G-0487
OAKES TWP G-0498
DALEY TWP G-0482
LUMINTO LAKE G-0312
CASTLEBAR LAKE G-0220
Cu
Cu
As,Cu,Zn
12
17
Zn,As,V
6
11
Mo
16
9
Long Lake
Longlac
Au
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0368
7
FIRST NATION 77
825
Pagwachuan Lake
CNR
Kenogamisis Lake
8
5
POUT LAKE G-0382
CARAMAT LAKE G-0219
14
Cr,Ni,V,Fe +/-Cu,Ag,Co
3
13
49°45'
86°30'
86°00'
49°30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
Note: Circled areas without numbers represent base metal anomalies or single site precious metal anomalies which are not described in the text.

Figure 8: Map 1 - Location of geochemically anomalous areas.

DESCRIPTION OF SELECTED ANOMALOUS AREAS

Appendix A contains proportional dot maps for the following parameters: pH, conductivity, lake depth and Ca in lake sediment. Appendix B contains lake sediment dot maps for the following: Ag, As, Au (FA), Au (INAA), Ce, Co, Cr, Cu, Fe, La, LOI, Mn, Mo, Nb, Ni, Pb, Pd, Pt, PGEs, V, W, Yb and Zn. Highly inorganic samples (samples with <10% LOI) and marl samples (samples with >50% equivalent CaCO3) were removed from the dataset prior to the production of the dotplots in Appendix B. This data has been included in Appendix C and in the MRD. A total of 2211 ICP sample analyses were used to generate the dot plots for Area B. A total of 1934 FA-ICP-MS analyses were used to generate the Au, Pt, Pd and PGEs dot maps. The data for the PGEs map was derived by adding together the levels of Pd, Pt, Ir and Rh. Most of the Ir and Rh data was below detection limit and represents minimum value (not total); this data has been included with the digital data release (MRD 64).

Following is a summary of most of the multi-element and/or multi-site precious and base metal anomalous areas within Area B. They have been grouped by map area and are loosely ranked in terms of their exploration significance and magnitude of the anomalies/anomalous areas. All of the most significant precious metal (Au, Pt, Pd) anomalies, in terms of multi-site and multi-element character, are listed below. Each anomalous area is keyed to the Figures 8 to 13 which show the areal extent of the anomalous areas. A bedrock geology base was used for Figures 8, 10 and 12, while the land tenure situation as of October 2000 is shown on Figures 9, 11 and 13. Note that numerous base metal anomalies and some single site precious metal anomalies do exist that are not listed below. Most of these have been indicated with circles on Figures 8, 10 and 12.

Where the "±" symbol is used in the area description, this means the particular element is present at elevated to anomalous levels in some, but not all, of the sample sites in the area in question. The term "elevated " means above the 90th percentile, while "anomalous" means greater than the 95th percentile. Strongly or highly anomalous means greater than the 98th percentile. For the Au data, determined by FA-ICP-MS and INAA, values above 8 ppb and 12 ppb respectively are considered anomalous. The site numbers in **bold** text are considered the most significant anomalies within each area.

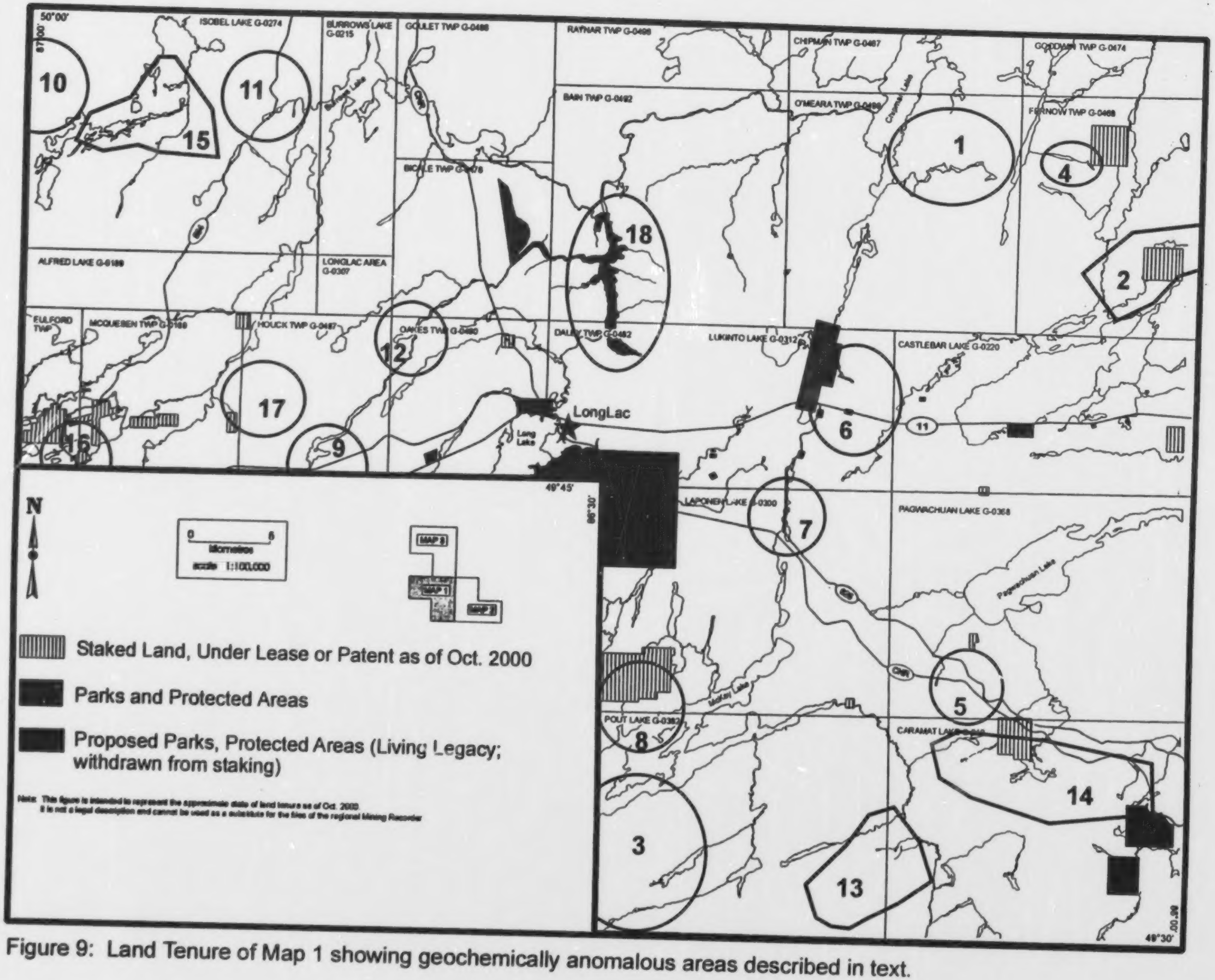
MAP 1 – Figures 8 and 9

1. Pardee Lake area; northwest O'Meara Twp. PGEs, Cu, ±Ni, ±Ag, ±Cr, ±Zn, ±Co

Sites: 1783, 1787, 1974, 1975, 2026, 2028, 2030, **2031**

Comments: Broad multi-site, multi-element anomalous area; primarily PGEs (up to 3.1 ppb) and Cu (up to 98 ppm) anomalies; Favourable geology; underlain by a mix of greenstone, migmatite and granitic rocks; this area is straddled by several prominent northeast trending lineaments/faults. Several prominent Zn only anomalies from lake sites to the south of this area may be related to very high organic contents (75-83% LOI) of the lake sediments. As of October 2000, this area was open for staking.

2. Castlebar Creek area; Southcentral Fernow Twp. PGEs, Cu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BURROWS LAKE G-0215
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RAYNAR TWP G-0496
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
BAIN TWP G-0492
O'MEARA TWP G-0489
FERNOW TWP G-0468
BICKLE TWP G-0478
ALFRED LAKE G-0189
LONGLAC AREA G-0307
FULFORD TWP
MCQUESEN TWP G-0169
HOUCK TWP G-0487
OAKES TWP G-0480
DALY TWP G-0482
LUKINTO LAKE G-0312
CASTLEBAR LAKE G-0220
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0368
POUT LAKE G-0382
CARAMAT LAKE
Chipman Lake
Pagwachuan Lake
Long Lake
LongLac
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17
18
49°45'
86°30'
86°00'
49°30'
N
0
5
kilometres
scale 1:100,000
MAP 2
MAP 1
MAP 3
Staked Land, Under Lease or Patent as of Oct. 2000
Parks and Protected Areas
Proposed Parks, Protected Areas (Living Legacy; withdrawn from staking)
Note: This figure is intended to represent the approximate state of land tenure as of Oct. 2000.
It is not a legal description and cannot be used as a substitute for the files of the regional Mining Recorder

Figure 9: Land Tenure of Map 1 showing geochemically anomalous areas described in text.

Sites: **0972**, 0973, 0976, 0978, **0979**, 0980

Comments: Elongate zone with anomalous Cu (up to 118 ppm) and combined PGEs (up to 3.5 ppb). This area straddles a granite-greenstone contact and a portion of the eastern half of the target area is staked as of October 2000.

3. Sadie Lake – Meg Lake area; Southwest Pout Lake   Cu, Ni, ±Cr, ±PGEs, ±Ag, ±Mo,±V

Sites: 0152, **0153-0157**, 0159, 0252, **0252**, 0255, 0260, 1596, 1600, **1601**, 1610

Comments: Northeast trending zone of anomalous Cu-Ni ±Cr. A few of the lake sites have high organic levels (up to 79% LOI) which may be a contributing factor to some of the base metal levels. Several lakes in the southern part of this target area have extremely high As levels. The area is underlain by metasediments and is crosscut by several northeast trending lineaments/faults. As of October 2000, this area was open for staking.

4. Gervis Lake area; northwest Fernow Twp.   Cu, PGEs

Sites: 1215, **1216**, 1396

Comments: Two of the lake sediment samples were recovered from greater than 10 m depth, however Fe, Mn and LOI levels are average. Underlain by migmatite. As of October 2000, the east portion of this area was staked.

5. Caramat Lake area; south Pagwachuan Lake (G-0368)   Cu, PGEs, ±Ni

Sites: 0402, 0403, **0404, 0405**

Comments: Cluster of 4 lakes with elevated to anomalous Cu and combined PGEs. Underlain by metasediments and a prominent northeast trending fault. These lakes are very close to the CNR railway and Highway #625, therefore there may be some anthropogenic influence.

6. Lukinto Lake area; East Lukinto Lake (G-0312)   PGEs, ±Zn, ±As, ±Sb

Sites: 1999, 2001, **1414**, 1769

Comments: North-south string of lakes with elevated to anomalous PGEs (up to 5 ppb) but no corresponding Cu-Ni signature. This area straddles a granite-greenstone contact near a prominent north trending fault. The nearby Trans Canada highway and gas pipeline may have some influence of the Pd/Pt levels at these lakes. Most of this area was open for staking as of October 2000.

7. Sandlink Lake; north Laponen Lake (G-0300)   PGEs, As, V

Sites: 0599, **0798**

Comments: Up to 4.5 ppb combined PGEs and 40 ppm As. Underlain by greenstone near a major north trending fault. The close proximity of Sandlink Lake to Highway #625 may be an influence on PGE levels.

8. McKay Lake area; Southwest Laponen Lake (G-0300) PGEs, Ni, ±Cr, ±As

Sites: **0050, 0250**

Comments: Up to 5.5 ppb combined PGEs and 68 ppm Cr. Underlain by metasediments and adjacent to a major northeast trending fault.

9. Octopus Creek area; southern Houck Twp. PGEs, As, ±Au, ±Cu

Sites: **0142, 0144**

Comments: Two lake sites with anomalous combined PGEs (up to 3.4 ppb) and anomalous As (up to 60 ppm). Site 0142 returned anomalous Au (11 ppb) and site 0144 anomalous Cu (56 ppm). Underlain by metavolcanics and metasediments. Open for staking as of October 2000.

10. Freddie Creek area; northwest Isobel Lake (G-0274) Pt, Pd, ±Cu

Sites: 2266, 2272

Comments: Weakly elevated Cu value at site 2266 may be result of higher than average organic content (LOI 68%). The area is underlain by granodiorite.

11. Burrows Lake area; northeast Isobel Lake (G-0274) Pt, Pd, Cu

Sites: **2300, 2301**, 2302, 2305

Comments: The 2 highest copper results of the survey were from sites 2300 and 2301 (159 and 234 ppm respectively). The Pd and Pt results were also anomalous at these 2 sites. Several other lakes in the vicinity have elevated to anomalous Cu levels. This area is underlain by massive granodiorite and, as of October 2000, is open for staking.

12. Noel Lake; northwest Oakes Twp. Au, ±As, ±Cr

Sites: 2492, **2493**

Comments: Both sites are on Noel Lake. Sample from site 2493: 16 ppb Au by FA; 11 ppb Au by INAA. Underlain by metavolcanics. Ground is available for staking as of October 2000.

13. Mustela Creek area; southeast Pout Lake (G-0382) Cu, Ni, ±Pd, ±Co, ±Cr, ±Ag

Sites: **0266**, 1618, **1622**, **1624**, **1626**

Comments: Broad Cu-Ni anomalous area and 2 sites with anomalous Pd (1622, 1626). Several other lakes in this area have elevated to anomalous Cu, Cr and Ni. One Zn anomaly at site 1620. Underlain by metasediments and open for staking as of October 2000.

14. Koandawanga Lake area; Caramat Lake (G-0219) Cu, Fe, V, ±Pd, ±Cr, ±Ni, ±Co

Sites: **1650**, 1651, **1652**, 1653, 1655, 1719, 1723, **1737**, 1740, 1746, 1747, 1749

Comments: Elongate multi-site anomalous area; anomalous Cu-Fe-V western portion of area; anomalous Cr-Ni at eastern end. Highest Cr and Ni (256 ppm and 96 ppm) of survey at site 1652 at Gap Lake, however, railway is immediately adjacent to this lake; possible anthropogenic influence/disturbance. Also site 1655 at Little Charon Lake is beside railway with anomalous Ni. Underlain by metasediments. As of October 2000, most of this area was open for staking.

15. Isobel Lake; Isobel Lake (G-0274) Cu, ±As, ±Pt, ±Pd, ±Zn, ±W

Sites: 2256, 2263, 2281, **2329**

Comments: Primarily Cu anomalies (up to 148 ppm); underlain by granodiorite.

16. Annette Lake area; Mcqueston Twp. Au, As, ±Cu, ±Zn, ±Pb

Sites: 2208, **2211**, **2214**, 2225

Comments: A pair of lakes with anomalous As and weakly anomalous Au. Also site 2208 with 286 ppm Zn. A gas pipeline and road transect this area, which is underlain by metavolcanics. As of October 2000, part of this area was staked.

17. Ashmore Creek area; northwest Houck Twp. ±Au, ±As, ±Cu, ±Zn

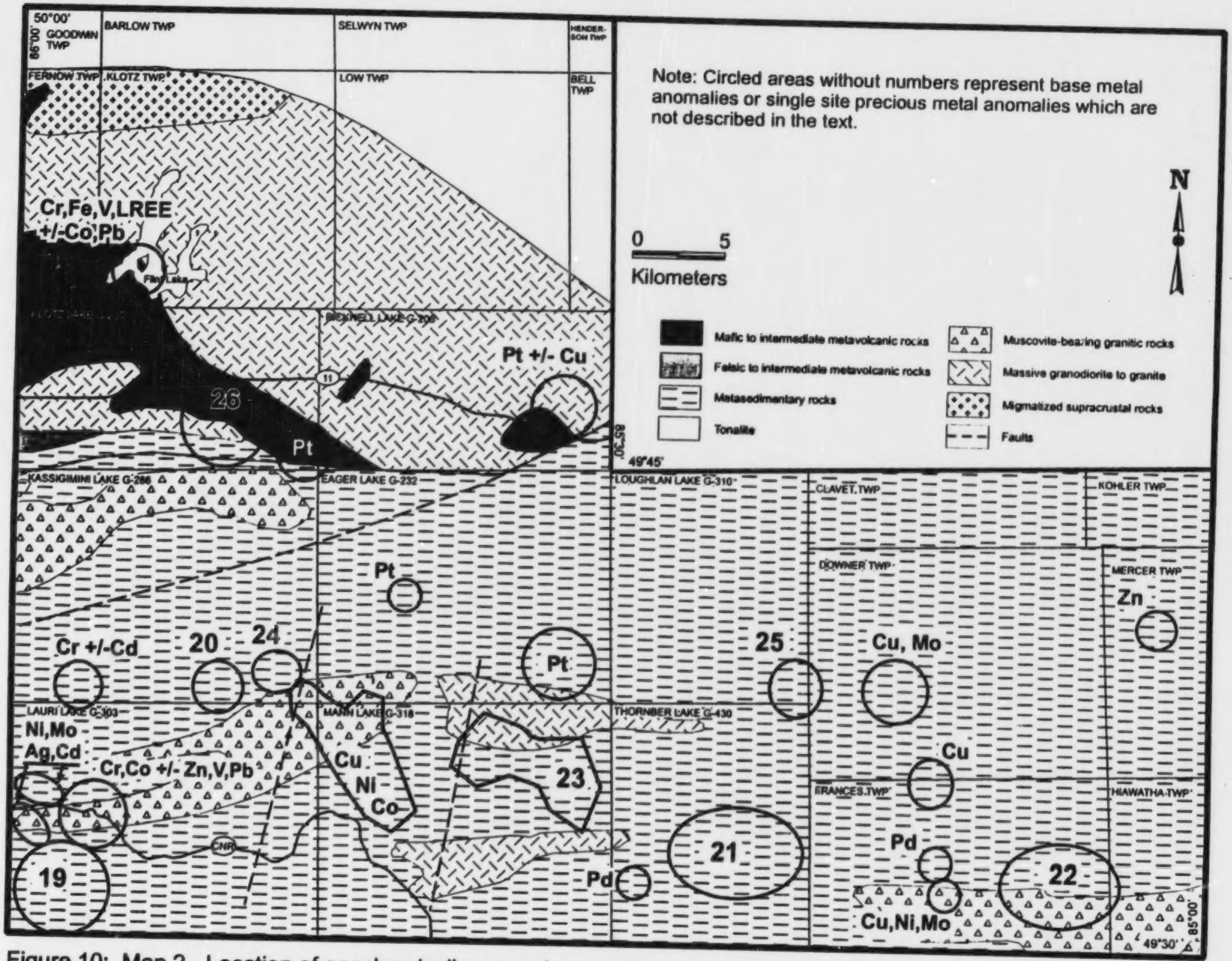
Sites: 2193, 2194, 2196, **2197**

Comments: Underlain by metavolcanics with northeast trending fault. Gas pipeline transects area.

18. Kenogami River; southwest Bain twp. Au, As, ±Sb

Sites: **1195-1199**

Five sites along the Kenogami River, all highly anomalous in Au and As. Excellent corroboration between Au by FA-ICP-MS and by INAA. Top 4 gold values by each method



Note: Circled areas without numbers represent base metal anomalies or single site precious metal anomalies which are not described in the text.

50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Cr,Fe,V,LREE +/-Co,Pb
Flint Lake
BICKNELL LAKE G-200
11
Pt +/- Cu
26
Pt
85°30'
49°45'
0
5
Kilometers
N
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGHLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
Pt
Zn
Cr +/-Cd
20
24
Pt
25
Cu, Mo
LAURI LAKE G-303
MANN LAKE G-318
THORNBER LAKE G-430
Ni,Mo
Ag,Cd
Cr,Co +/- Zn,V,Pb
Cu
Ni
Co
23
Cu
FRANCES TWP
HIAWATHA TWP
CNR
21
Pd
19
Pd
22
Cu,Ni,Mo
49°30'
85°00'

Figure 10: Map 2 - Location of geochemically anomalous areas.

are in this area, ranging up to 215 ppb. This river is a proposed Conservation Reserve (Living Legacy) and has been withdrawn from staking.

MAP 2 – Figures 10 and 11

19. Lauri Creek area; Lauri Lake Twp. Pt, Cu, ±Pd, ±Mo, ±Ni

Sites: **0175**, **0281**, 0282, 0283, 0382, 0385

Comments: Primarily one drainage system with sites elevated to anomalous in Pt and Cu. Long linear drainage suggests an underlying fault. Site 0382 at the north edge of this target area returned 59 ppm Ni, third highest of the survey. Bedrock geology consists of metasediments.

20. West Gene Lake area; SE Kassigimini Lake (G-0286) Pd, Cu, Ni, Cr, Ag, ±Co

Sites: **0366**

Comments: Single lake site anomaly; background levels of Fe, Mn and LOI. Underlain by metasediments.

21. Thornber Lake area; Thornber Lake (G-0430) Pt

Sites: 0521, **0522**, 0525

Comments: Two adjacent drainage catchments with single sites anomalous in Pt (12 ppb, 2nd highest value of the survey). Sites 0521 and 0522 are very close, possibly within, a proposed protected area (Living Legacy). Metasediments underlie this area.

22. Pody Lake area; Frances Twp. Pd, ±Cu, ±Cr, ±Mo, ±Co

Sites: **0675**, 0725, **0727**, 0730

Comments: Highlight of this area is site 0727 located on Pody Lake with anomalous Pd, Cr, Zn and elevated Fe. Also several sites with anomalous Cu and/or Cr. To the west, site 0675 features anomalous Cu. This area straddles a contact between metasediments and granitic rocks.

23. Loughlan Creek area; Mann Lake (G-0318) Cu, Ni, ±Pd, ±Mo, ±Ag, ±Co, ±Cd

Sites: 0235, 0300, 0301, 0303, 0306, 0310, 0314, **0316**, **0317**

Comments: Broad area covering several drainage catchments with anomalous Cu, Ni and Pd. The highlight is site 0316 with 3.1 ppb PGEs and anomalous Cu and Ni. The Ni value at this

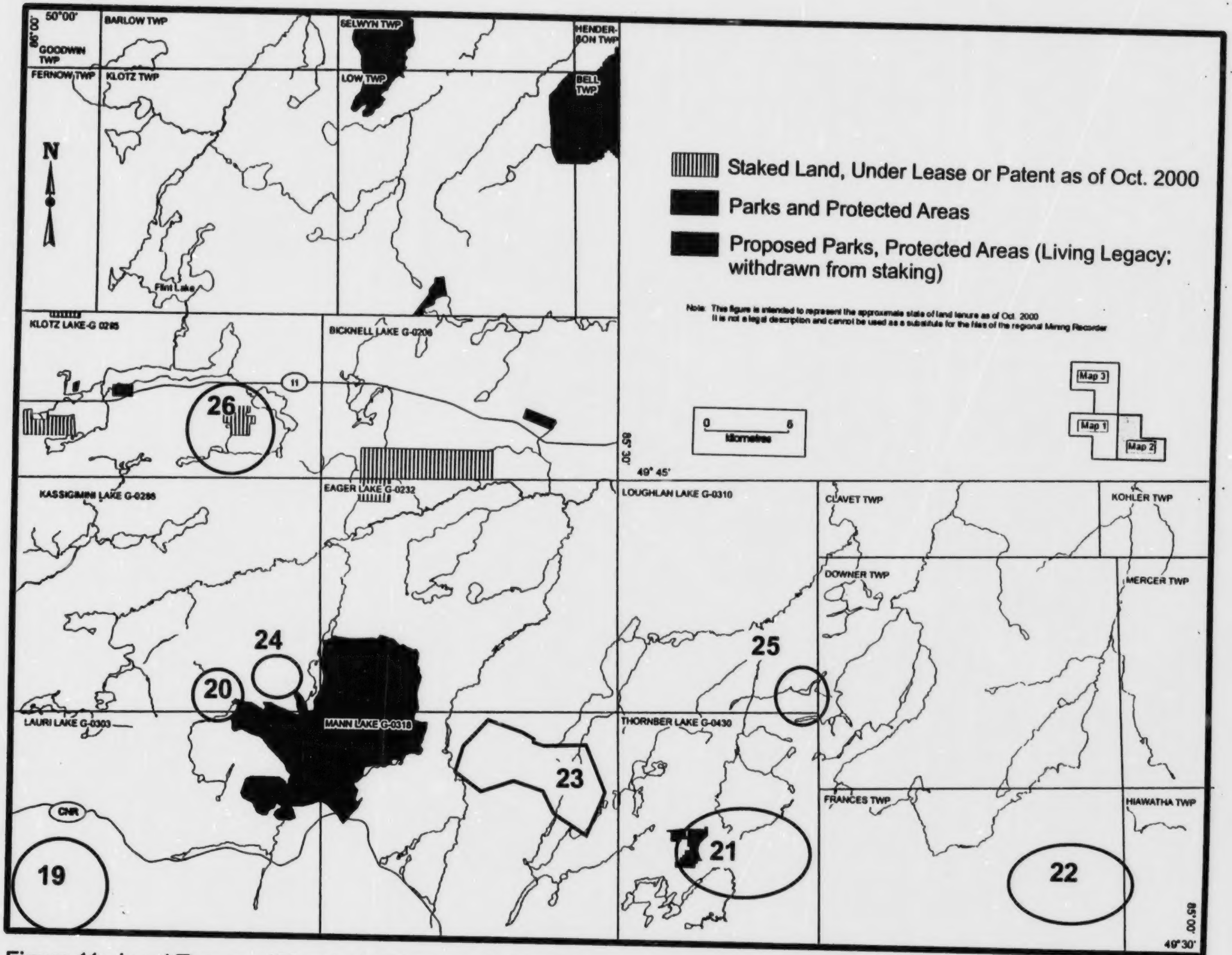

50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
N
Flint Lake
▥ Staked Land, Under Lease or Patent as of Oct. 2000
■ Parks and Protected Areas
■ Proposed Parks, Protected Areas (Living Legacy; withdrawn from staking)
Note: This figure is intended to represent the approximate state of land tenure as of Oct. 2000
It is not a legal description and cannot be used as a substitute for the files of the regional Mining Recorder
KLOTZ LAKE-G 0285
BICKNELL LAKE G-0206
11
26
0
5
kilometres
Map 3
Map 1
Map 2
85°30'
49°45'
KASSIGMINI LAKE G-0286
EAGER LAKE G-0232
LOUGHLAN LAKE G-0310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
24
25
20
LAURI LAKE G-0303
MANN LAKE G-0318
THORNBER LAKE G-0430
23
FRANCES TWP
HIAWATHA TWP
CNR
19
21
22
85°00'
49°30'

Figure 11: Land Tenure of Map 2 showing geochemically anomalous areas described in text.

site (61 ppm) is the second highest for the survey. Most of the sites in this area have background levels of Fe, Mn and LOI which enhances the validity of these base metal levels. The underlying bedrock geology is a mix of granodiorite and metasediments. As of October 2000, this area was available for staking.

24. East Gene lake area; SE Kassigimini Lake (G-0286) Pd, Pt, Co, ±Ni

Sites: **0338**

Comments: Single lake site; 26% LOI and background levels of Fe, Mn. Bedrock geology is metasediments near major northeast trending regional fault.

25. Kalz Lake area; southeast Loughlan Lake (G-310) Pt, Cu, Mo

Sites: **0500**

Comments: Single site anomaly; shallow lake with 72% LOI but background levels of Fe and Mn. Underlain by metasediments.

26. Chowder Lake area; SE Klotz Lake (G-295) Cu, ±Pt, ±Mo

Sites: **0764**, **0765**, 0860, 0862

Comments: Several lakes with elevated to anomalous Cu-Mo and one (0765) with anomalous Pt. No PGE analysis was done on most of the lake sediments in this target area due to insufficient material. Area is underlain by a mixture of metavolcanics, metasediments and granitic rocks. As of October 2000, the central portion of this area covering site 0764 was staked.

MAP 3 – Figures 12 and 13

27. Prairie Lake area; southeast Jemar Lake (G-0275) Pt, ±Au

Sites: **1374**

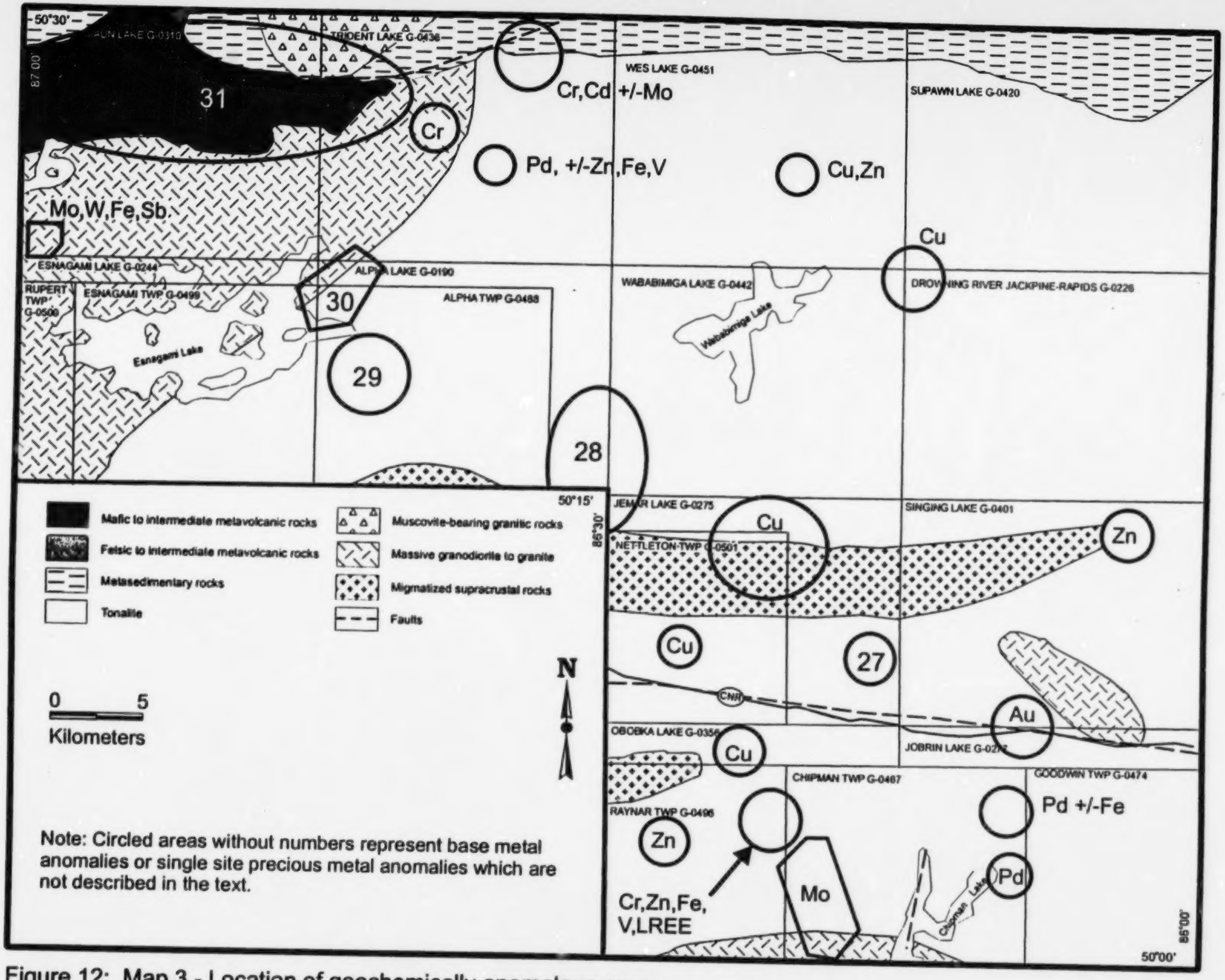
Comments: Single lake site Pt anomaly (39 ppb), highest value of the survey. Also 7 ppb Au at this site. Bedrock geology is mapped as tonalite.

28. Swede Creek area; Southeast Alpha Lake (G-0190) Cu, ±Pd, ±Ag, ±Co

Sites: 1058-1060, 1110, **1111**, 1249, 1306, 1365

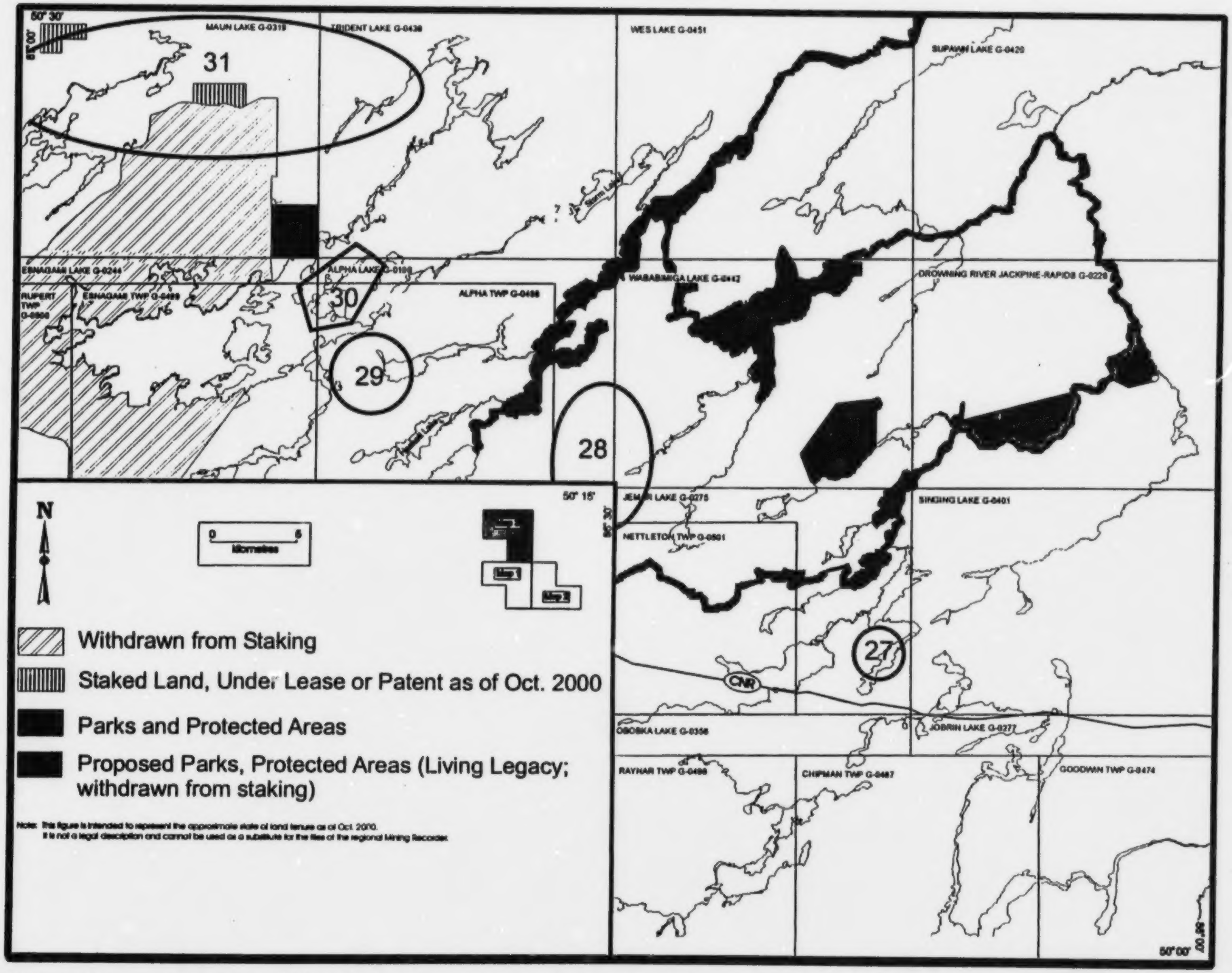
Comments: Broad zone with anomalous Cu (up to 115 ppm) and a few with coincident Pd anomalies; underlain by tonalite.

29. Betty Lake area; northwest Alpha Twp. Pt, ±Cu, ±Au


50°30'
87°00'
?UN LAKE G-0310
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
31
Cr
Cr,Cd +/-Mo
Pd, +/-Zn,Fe,V
Cu,Zn
Mo,W,Fe,Sb.
Cu
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0190
RUPERT TWP G-0500
ESNAGAMI TWP G-0499
ALPHA TWP G-0488
WABABIMIGA LAKE G-0442
DROWNING RIVER JACKPINE-RAPIDS G-0226
30
Esnagami Lake
Wababimiga Lake
29
28
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
Cu
Zn
Cu
27
CNR
Au
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
Cu
CHIPMAN TWP G-0487
GOODWIN TWP G-0474
RAYNAR TWP G-0496
Zn
Pd +/-Fe
Pd
Mo
Chipman Lake
Cr,Zn,Fe,
V,LREE
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers

Note: Circled areas without numbers represent base metal anomalies or single site precious metal anomalies which are not described in the text.

Figure 12: Map 3 - Location of geochemically anomalous areas.


50° 30'
87° 00'
MAUN LAKE G-0319
TRIDENT LAKE G-0438
WES LAKE G-0451
SUPAWN LAKE G-0420
31
Storm Lake
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0109
RUPERT TWP G-0500
ESNAGAMI TWP G-0499
ALPHA TWP G-0498
WABABIMIGA LAKE G-0442
DROWNING RIVER JACKPINE-RAPIDS G-0228
30
29
28
27
50° 15'
86° 30'
JEMAR LAKE G-0275
NETTLETON TWP G-0501
SINGING LAKE G-0401
CNR
OBOSKA LAKE G-0358
JOBRIN LAKE G-0277
RAYNAR TWP G-0496
CHIPMAN TWP G-0487
GOODWIN TWP G-0474
50° 00'
86° 00'
N
0
5
kilometres
Map 1
Map 2
Map 3

▨ Withdrawn from Staking

▥ Staked Land, Under Lease or Patent as of Oct. 2000

■ Parks and Protected Areas

■ Proposed Parks, Protected Areas (Living Legacy; withdrawn from staking)

Note: This figure is intended to represent the approximate state of land tenure as of Oct. 2000.
It is not a legal description and cannot be used as a substitute for the files of the regional Mining Recorder.

Figure 13: Land Tenure of Map 3 showing geochemically anomalous areas described in text.

Sites: **1074**

Comments: Single site which is anomalous in Pt (9 ppb), Cu and Au (13 ppb). The Pt value of 9 ppb is the third highest of the survey. The bedrock geology has been mapped as tonalite. As of October 2000, this area was available for staking.

30. Milne Lake area; northwest Alpha Twp. Cu, ±Zn, ±W

Sites: 1255, **1257**, 1259, **1260**, 1317

Comments: Zone of Cu anomalies and one site (1260) with 314 ppm Zn, the second highest of the survey. The bedrock geology consists of granodiorite and tonalite.

31. Hurd Lake-Felsen Lake area; N. Maun Lake (G-0319) Cu, ±Ag, ±Cd

Sites: Numerous including **1485, 1486, 1490, 1491, 1507-1509, 1513**

Comments: Broad zone of elevated to anomalous Cu levels coincident with the eastern end of the Onaman-Tashota greenstone belt. Highlights include sites 1490 and 1491, with anomalous Cu and Ag, south of Muriel Lake; and sites 1485, 1486, 1507-1509, 1513, with elevated to anomalous Cu, Ag and Cd, located along the southeast border of the greenstone belt near Felsen Lake.

CONCLUSIONS

The lake sediment geochemical survey of OTH Area B has resulted in the identification of well over 50 discrete anomalous areas or locations. Anomalous elements include: Au, Pd, Pt, Cr, Cu, Zn, Ni, and Mo. This survey has generated numerous new target areas for potential PGE and Au mineralization as well as base metal mineralization. As of October 2000, most of the anomalous areas or locations outlined in this report were available for staking.

REFERENCES

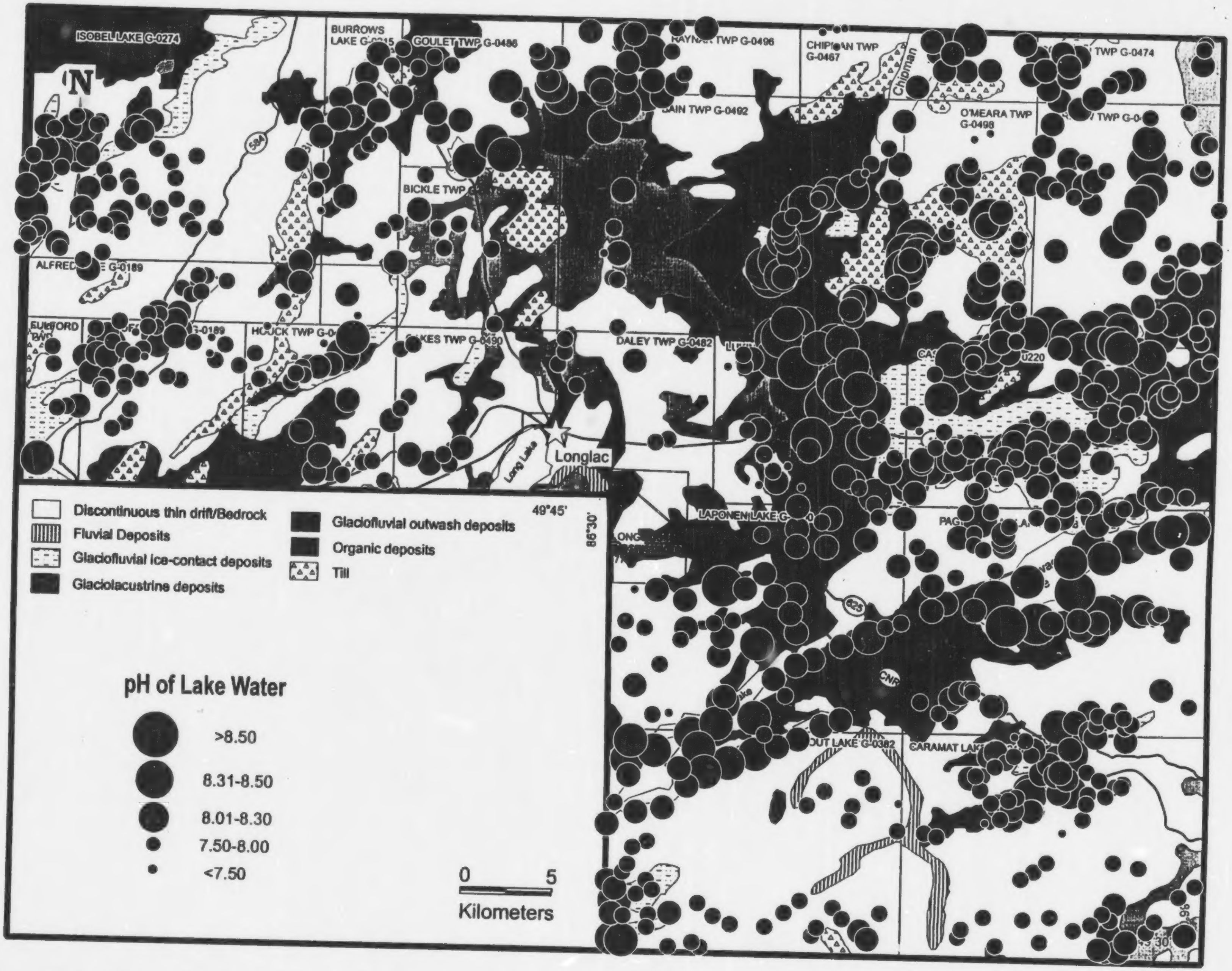
Barnett, P.J., Henry, A.P. and Babuin, D. 1991. Quaternary geology of Ontario, east-central sheet; Ontario Geological Survey, Map 2555, scale 1:1 000 000.

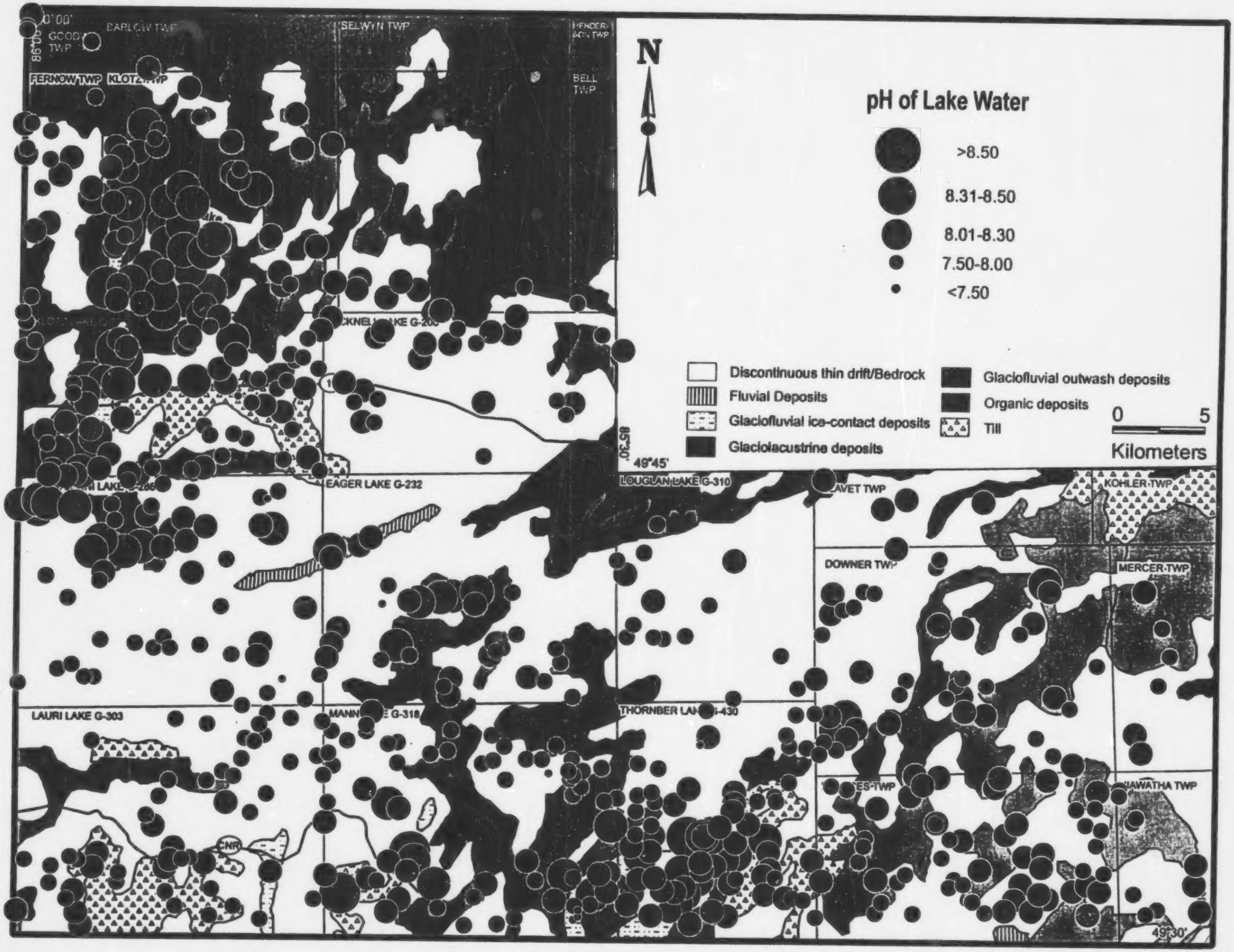
Lynch, J. 1990. Provisional elemental values for eight new geochemical lake sediment and stream sediment reference materials LKSD-1, LKSD-2, LKSD-3, LKSD-4, STSD-1, STSD-2, STSD-3 and STSD-4; Geostandards Newsletter, V.14, No.1, April 1990, p.153-167.

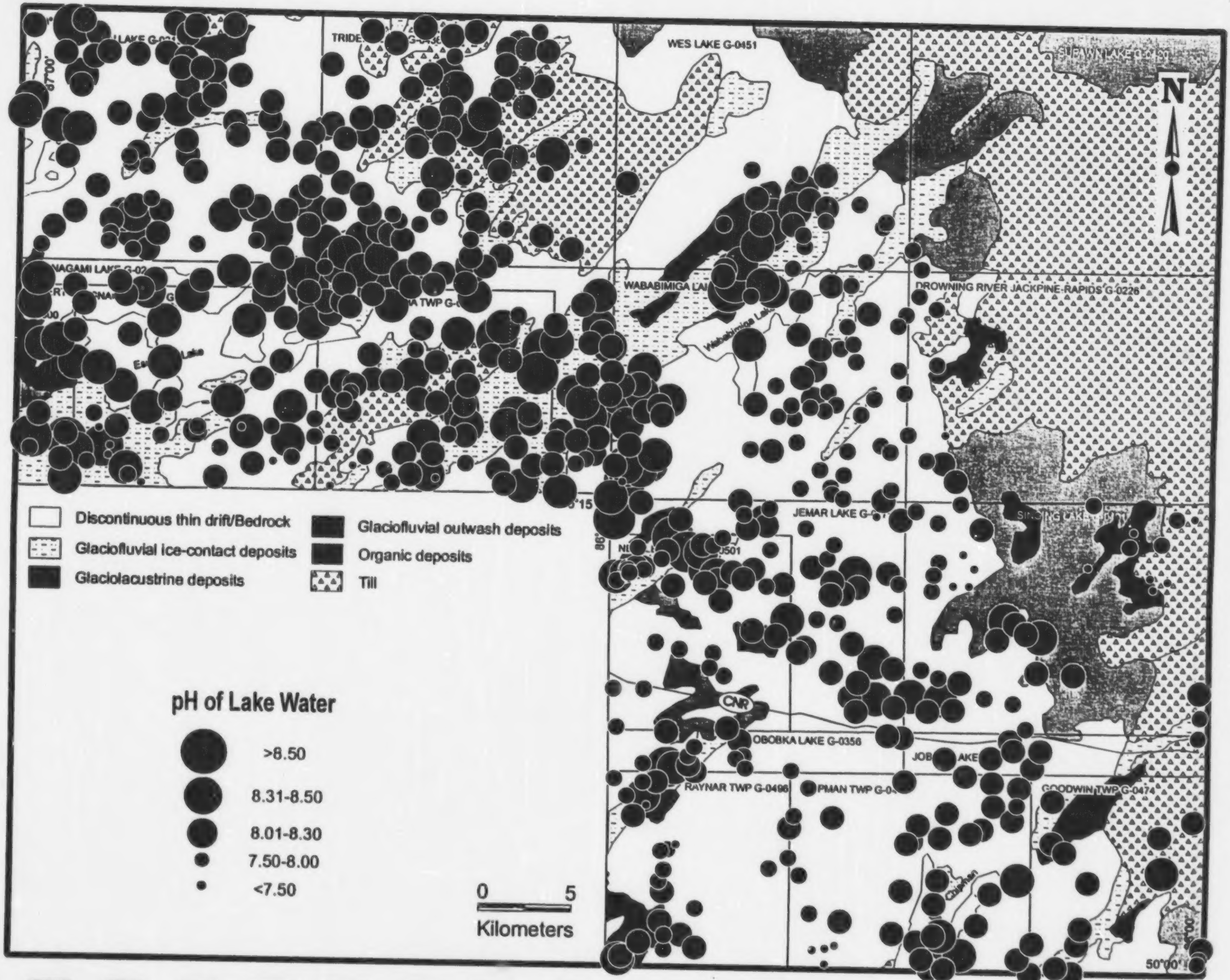
Ontario Geological Survey 1991. Bedrock geology of Ontario, east-central sheet: Ontario Geological Survey, Map 2543, scale 1:1 000 000.

APPENDIX A

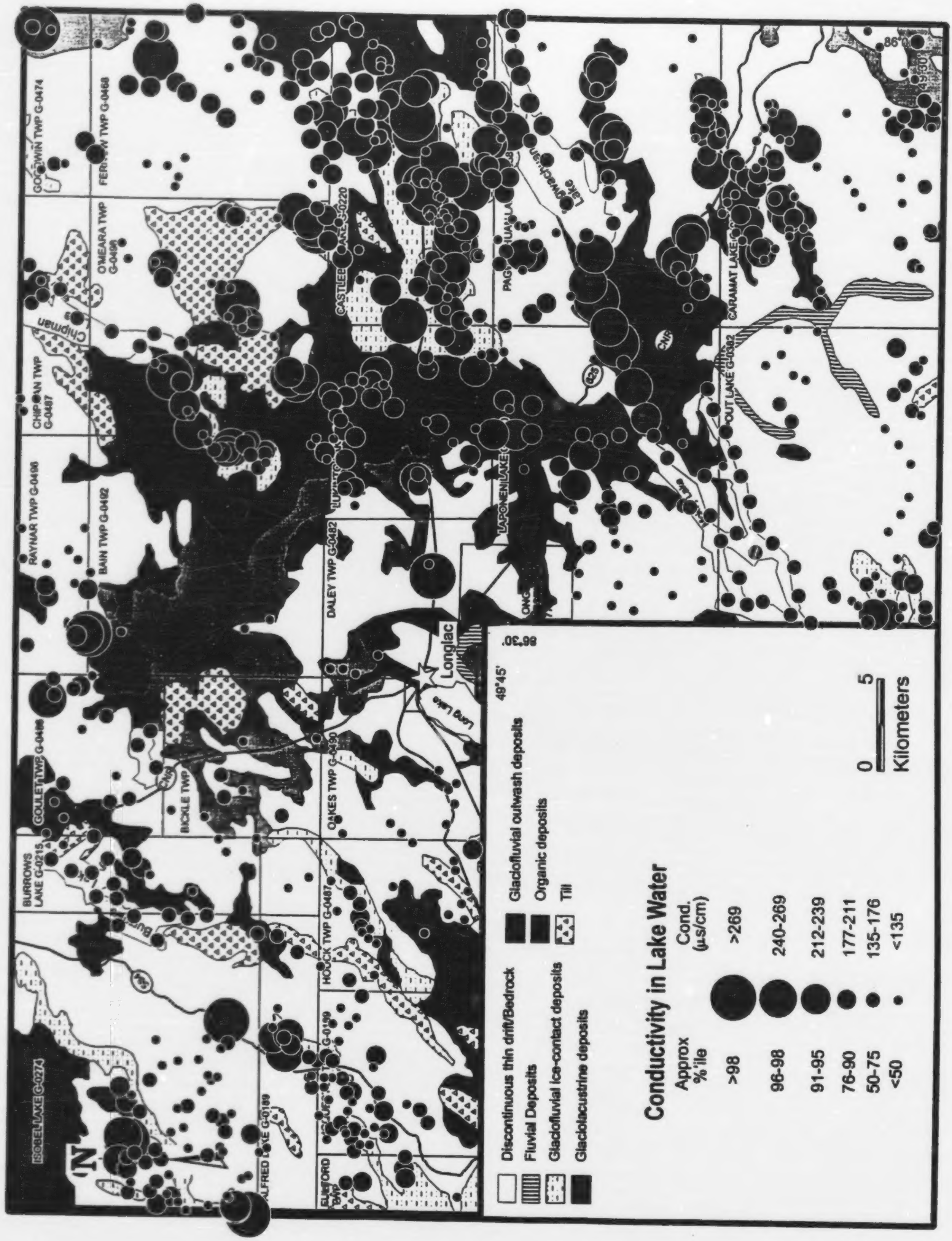
Proportional dot maps of lake water pH, conductivity; lake depth and Ca in lake sediment
Maps 1, 2 and 3

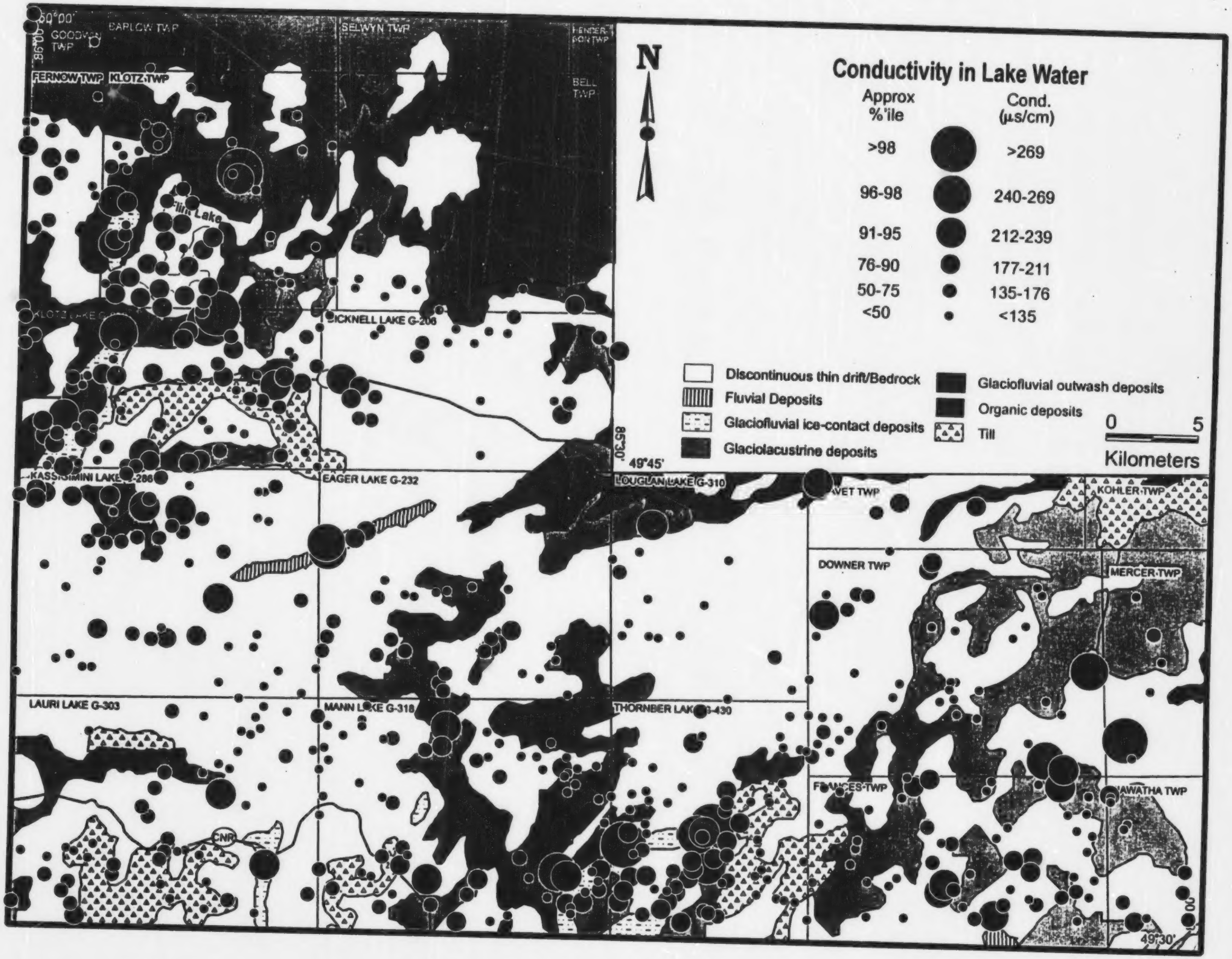

ISOBEL LAKE G-0274
N
BURROWS LAKE G-0215
GOULET TWP G-0486
RAYNAR TWP G-0496
CHIPMAN TWP G-0467
Chipman
TWP G-0474
BAIN TWP G-0492
O'MEARA TWP G-0498
TWP G-04
584
BICKLE TWP
ALFRED G-0189
G-0189
HOUCK TWP G-0
SYKES TWP G-0490
DALEY TWP G-0482
U220
Long Lake
Longlac
LAPONEN LAKE G-
625
CNR
OUT LAKE G-0382
CARAMAT LAK
49°45'
86°30'
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
pH of Lake Water
>8.50
8.31-8.50
8.01-8.30
7.50-8.00
<7.50
0
5
Kilometers

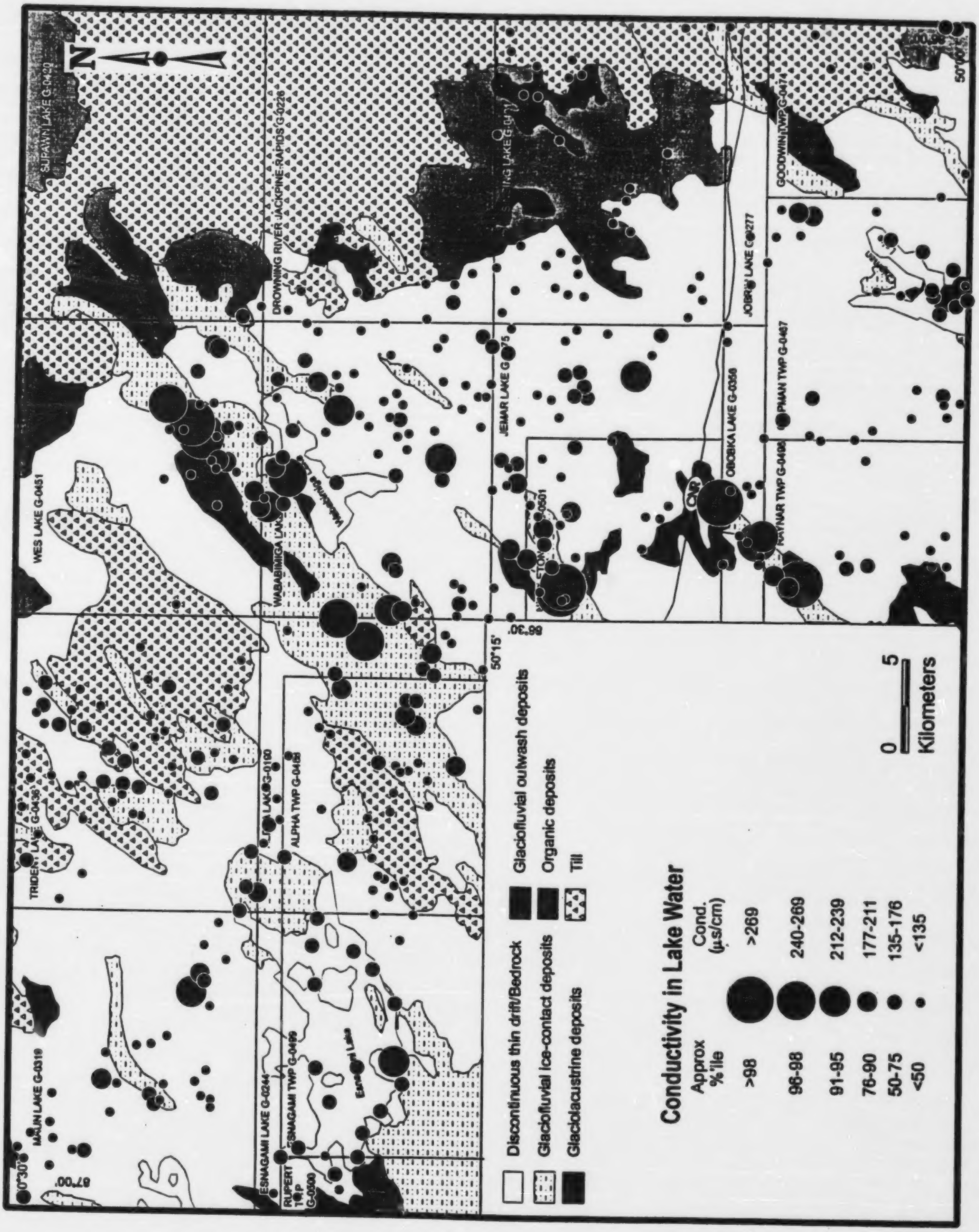

0'00'
86°00'
GOOD TWP
BARLOW TWP
FERNOW TWP
KLOTZ TWP
SELWYN TWP
HENDERSON TWP
BELL TWP
N
pH of Lake Water
>8.50
8.31-8.50
8.01-8.30
7.50-8.00
<7.50
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0
5
Kilometers
85°30'
49°45'
LOUGLAN LAKE G-310
EAGER LAKE G-232
LAURI LAKE G-303
THORNBER LAKE G-430
DOWNER TWP
KOHLER TWP
MERCER TWP
HIAWATHA TWP
CNR
49°30'

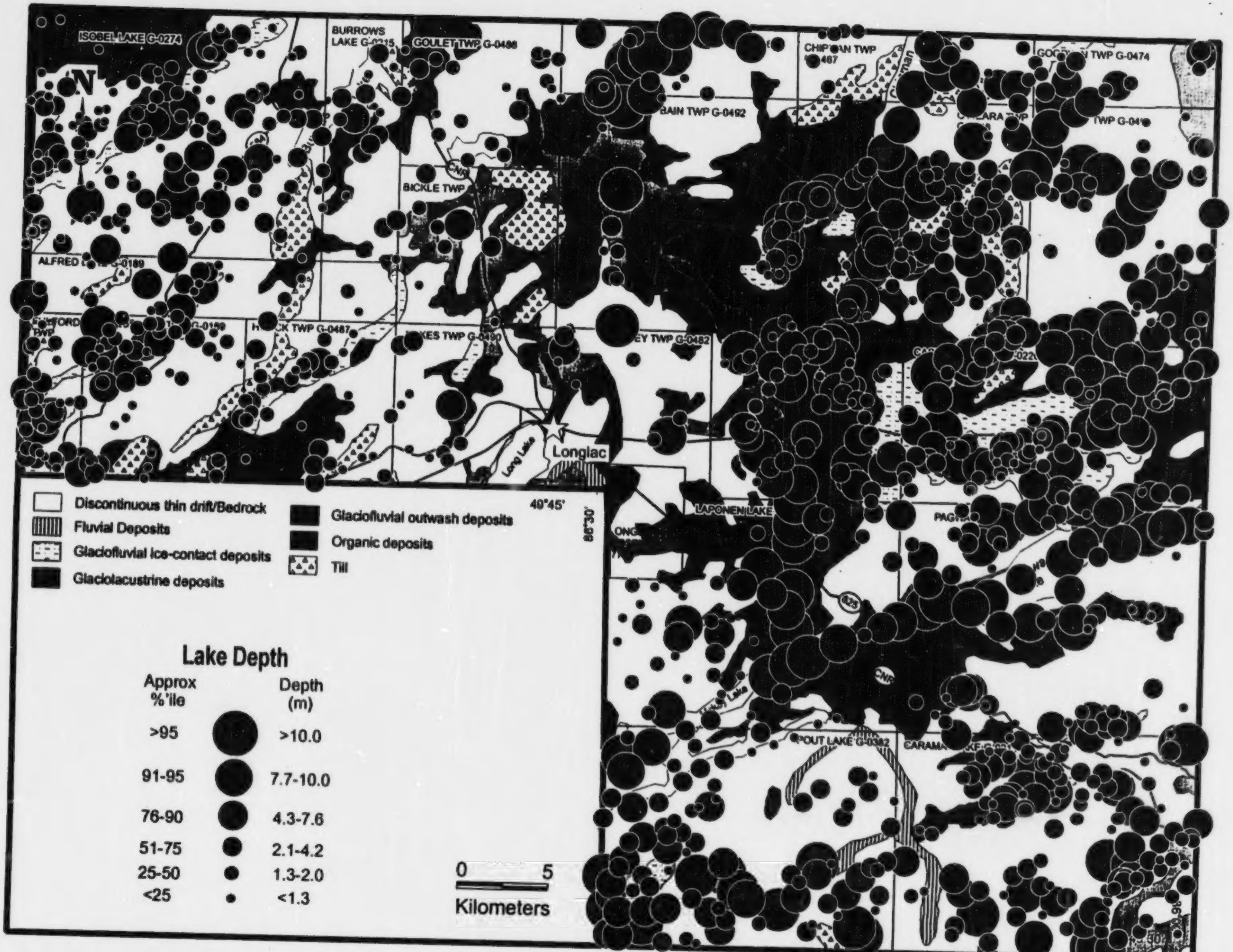


N
WES LAKE G-0451
DROWNING RIVER JACKPINE-RAPIDS G-0226
WABABIMIGA LA
Wababimiga Lake
TRIDE
NAGAMI LAKE G-02
JEMAR LAKE G-
OBOBKA LAKE G-0356
RAYNAR TWP G-0496
PMAN TWP G-0
GOODWIN TWP G-0474
JOB AKE
CNR
Chipman
87°00'
86°15'
50°00'
Discontinuous thin drift/Bedrock
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
pH of Lake Water
>8.50
8.31-8.50
8.01-8.30
7.50-8.00
<7.50
0
5
Kilometers


Conductivity in Lake Water
Approx % 'ile
Cond. (µs/cm)
>98
>269
96-98
240-269
91-95
212-239
76-90
177-211
50-75
135-176
<50
<135
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0
5
Kilometers
49°45'
86°30'
86°0'
49°30'
N
ISOBEL LAKE G-0274
ALFRED LAKE G-0199
BURROWS LAKE G-0215
GOULET TWP G-0486
BICKLE TWP
HOUCK TWP G-0487
OAKES TWP G-0490
RAYNAR TWP G-0496
BAIN TWP G-0492
DALEY TWP G-0482
CHIPMAN TWP G-0487
O'MEARA TWP G-0498
GODWIN TWP G-0474
FERRIS TWP G-0468
CASTLEBAR LAKE G-0220
LAPONEN LAKE
OUT LAKE G-0382
CARAMAT LAKE
Longlac
Long Lake
Chipman
CNR
625


Conductivity in Lake Water
Approx %'ile
Cond. (µs/cm)
>98
>269
96-98
240-269
91-95
212-239
76-90
177-211
50-75
135-176
<50
<135
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0
5
Kilometers
N
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
PENDERGON TWP
BELL TWP
FERNOW TWP
KLOTZ TWP
Flint Lake
KLOTZ LAKE
BICKNELL LAKE G-206
KASSISIMINI LAKE G-286
EAGER LAKE G-232
85°30'
49°45'
LOUGLAN LAKE G-310
AVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-303
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR
49°30'


Conductivity in Lake Water
Approx %'ile
Cond. (µs/cm)
>98
>269
96-98
240-269
91-95
212-239
76-90
177-211
50-75
135-176
<50
<135
Discontinuous thin drift/Bedrock
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0
5
Kilometers
N
SUPAWN LAKE G-0420
DROWNING RIVER JACKPINE RAPIDS G-0226
JEMAR LAKE G-0275
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
OBOBIKA LAKE G-0356
RAYNAR TWP G-0496
CHAPMAN TWP G-0467
WES LAKE G-0451
WABABIMIGA LAKE
TRIDENT LAKE G-0436
ALPHA TWP G-0488
MARLIN LAKE G-0319
ESNAGAMI LAKE G-0244
ESNAGAMI TWP G-0499
RUPERT TWP G-0500
Esnagami Lake
CNR
50°30'
87°00'
86°30'
50°15'
86°00'
50°00'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BURROWS LAKE G-0215
GOULET TWP G-0486
CHIPMAN TWP G-0467
GOOGOOMAN TWP G-0474
BAIN TWP G-0492
O'MEARA TWP
TWP G-0419
N
BICKLE TWP
CNR
ALFRED G-0189
HUCK TWP G-0487
JUKES TWP G-0490
TWP G-0482
G-0220
Long Lake
Longlac
LAPONEN LAKE
PAGNA
625
CNR
POUT LAKE G-0382
CARAMAT LAKE
49°45'
86°30'
86°00'
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
Lake Depth
Approx %'ile
Depth (m)
>95
>10.0
91-95
7.7-10.0
76-90
4.3-7.6
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2.1-4.2
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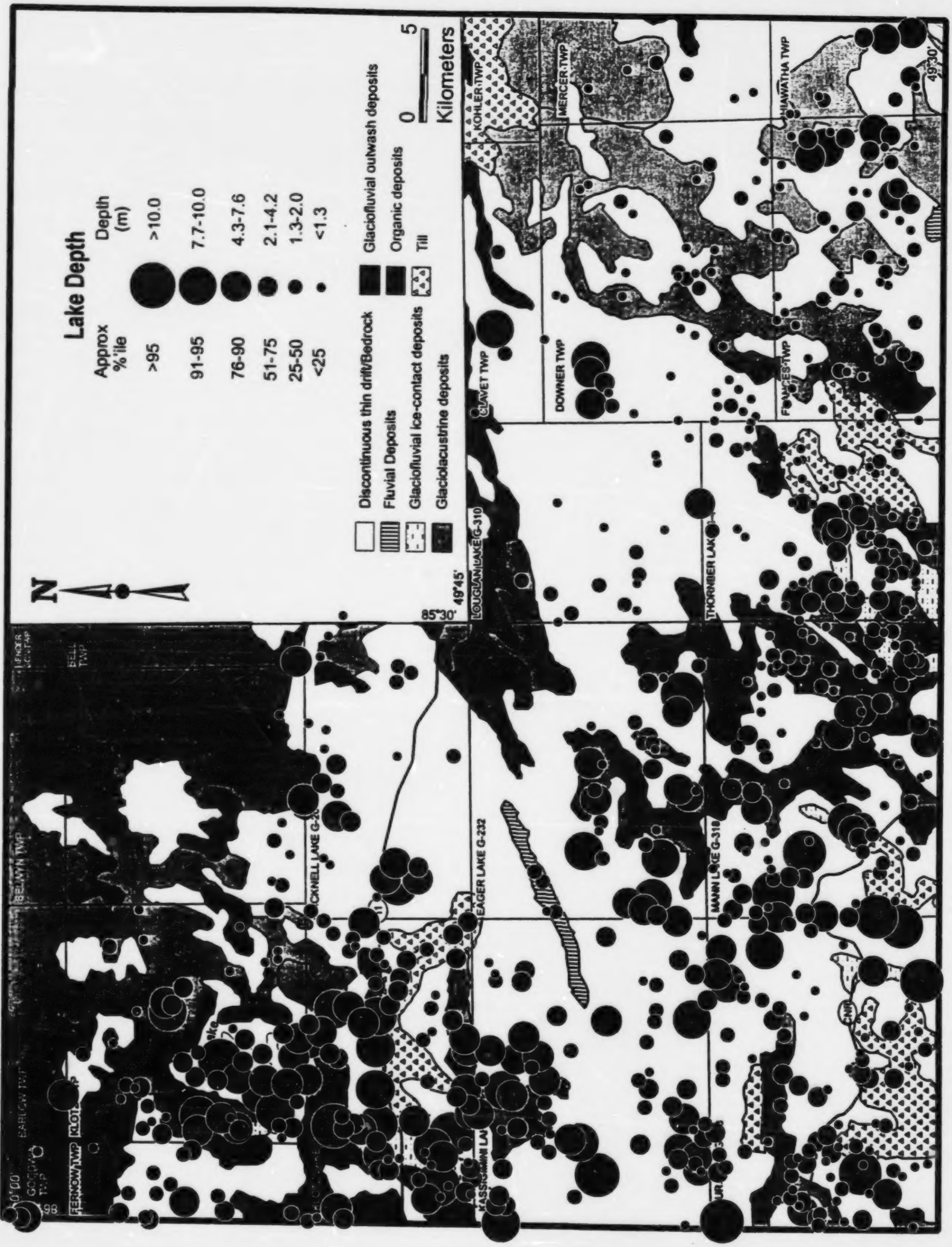
<25
<1.3
0
5
Kilometers


Lake Depth
Approx %'ile
Depth (m)
>95 >10.0
91-95 7.7-10.0
76-90 4.3-7.6
51-75 2.1-4.2
25-50 1.3-2.0
<25 <1.3
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0 5
Kilometers
N
85°30'
49°45'
49°30'
KOHLER TWP
MERCER TWP
HIAWATHA TWP
DOWNER TWP
CLAVET TWP
FRANCES TWP
LOUGLAN LAKE G-310
THORNBER LAKE
BELLWYN TWP
BELL TWP
CKNELL LAKE G-2
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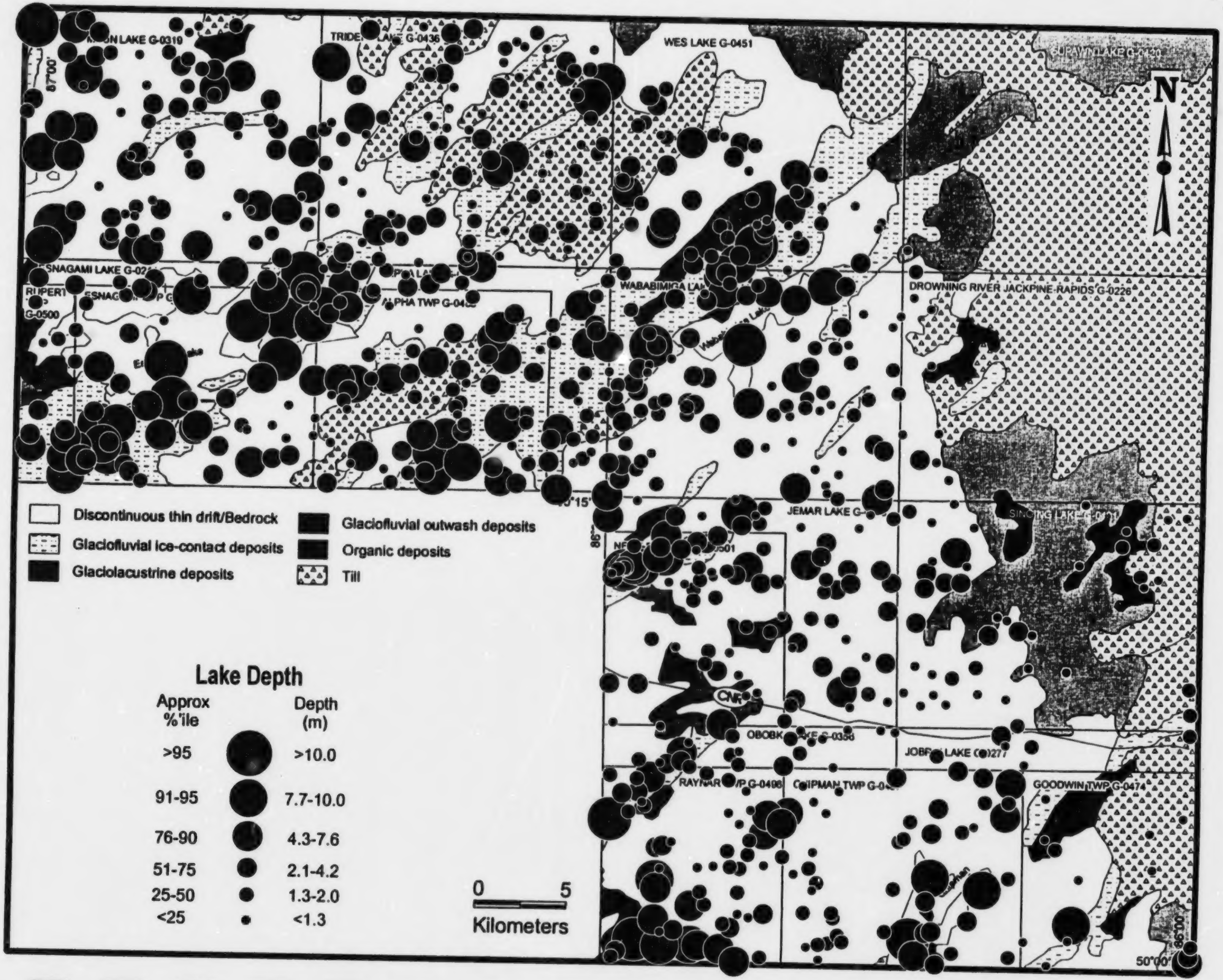
MANN LAKE G-310
FERNOW TWP
BARROW TWP
KLOTZ
GOODWIN TWP
KASSIGMINI LA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50°00'
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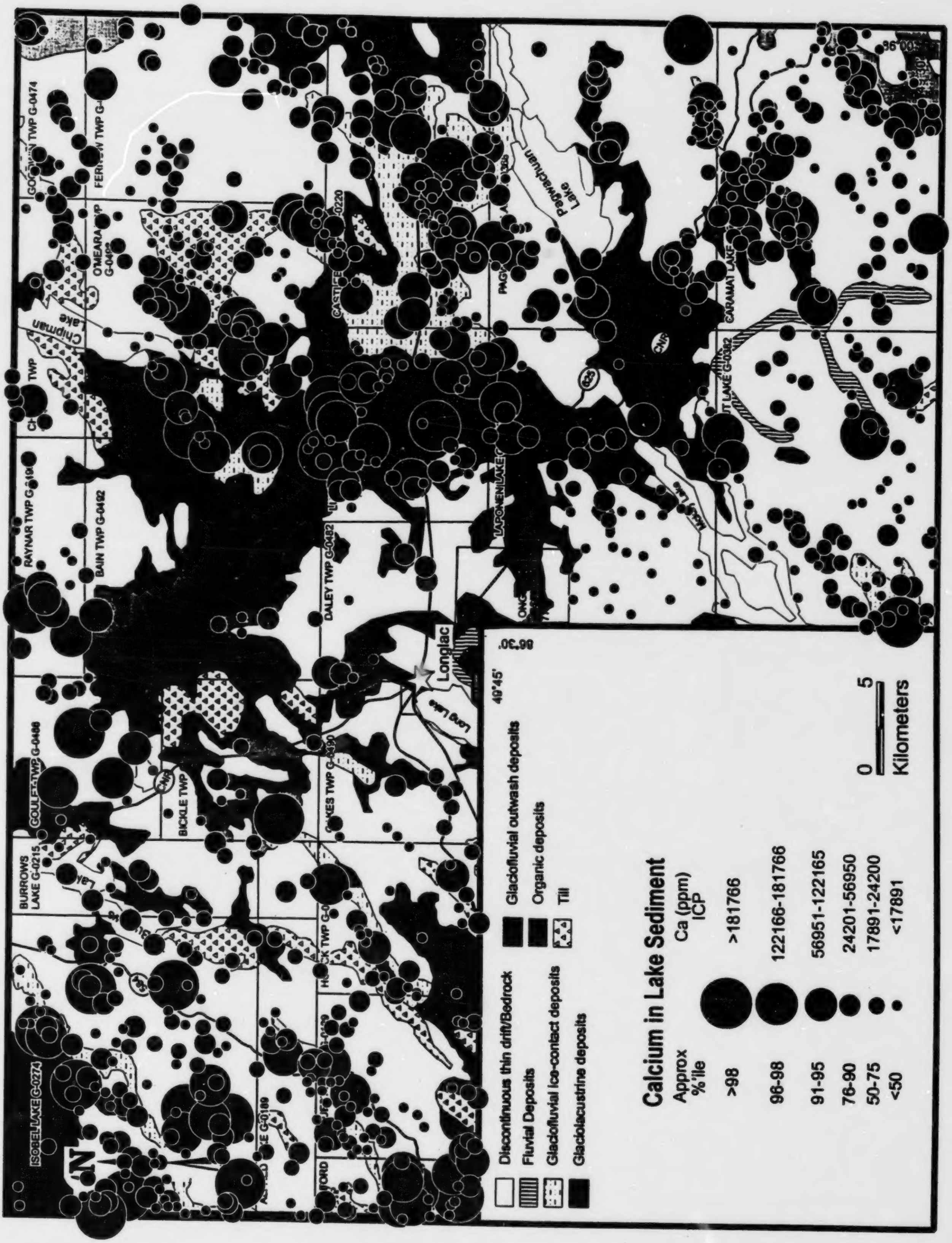
WES LAKE G-0451
SNAGAMI LAKE G-02
RUPERT
G-0500
ALPHA TWP G-04
WABABIMIGA LAKE
DROWNING RIVER JACKPINE-RAPIDS G-0226
JEMAR LAKE G-
SINGING LAKE
CNR
OBOBK
JOBF LAKE
RAYNAR TWP G-0408
CHIPMAN TWP G-04
GOODWIN TWP G-0474
Discontinuous thin drift/Bedrock
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
Lake Depth
Approx %'ile
Depth (m)
>95
>10.0
91-95
7.7-10.0
76-90
4.3-7.6
51-75
2.1-4.2
25-50
1.3-2.0
<25
<1.3
0
5
Kilometers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Approx %'ile
Ca (ppm) ICP
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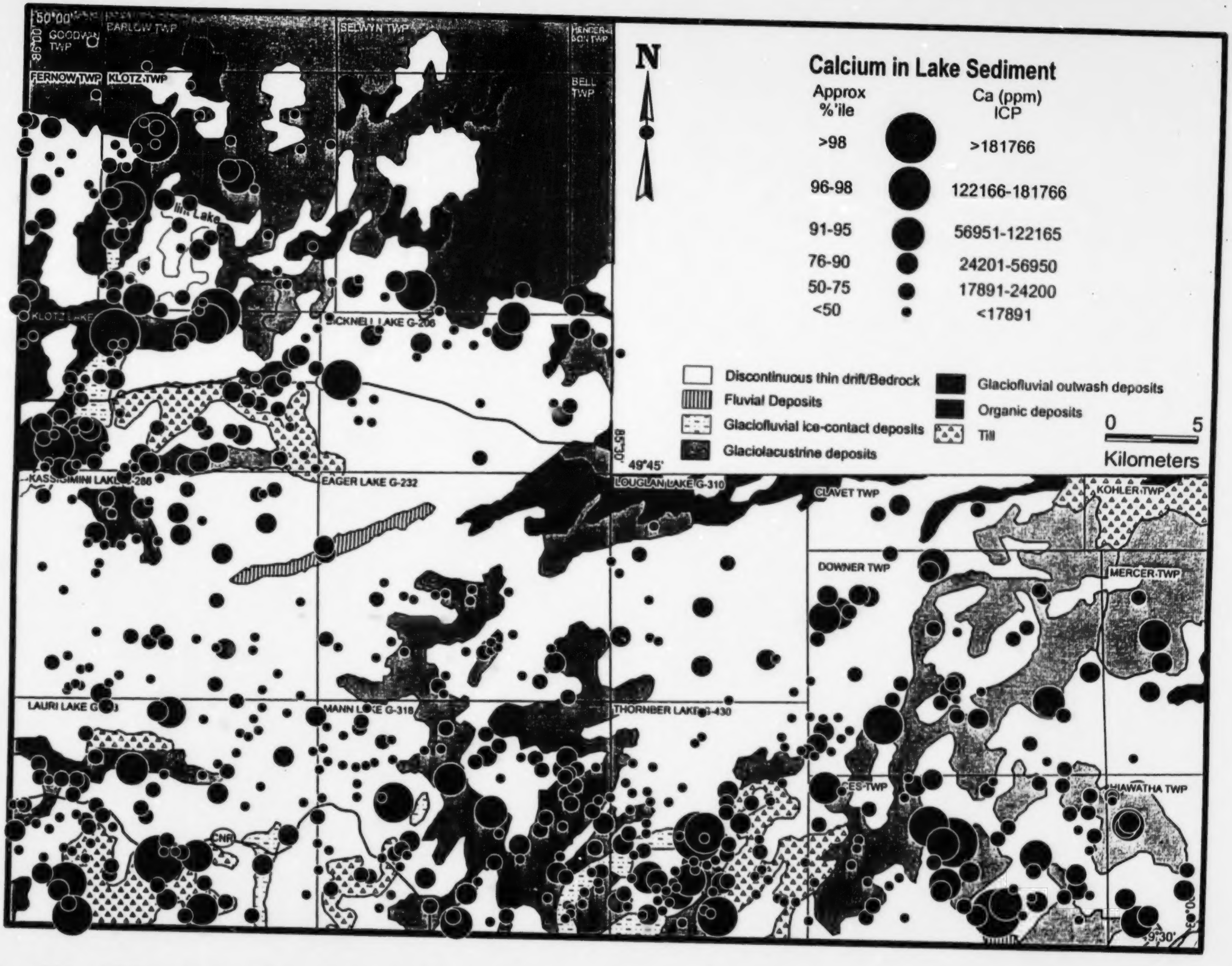
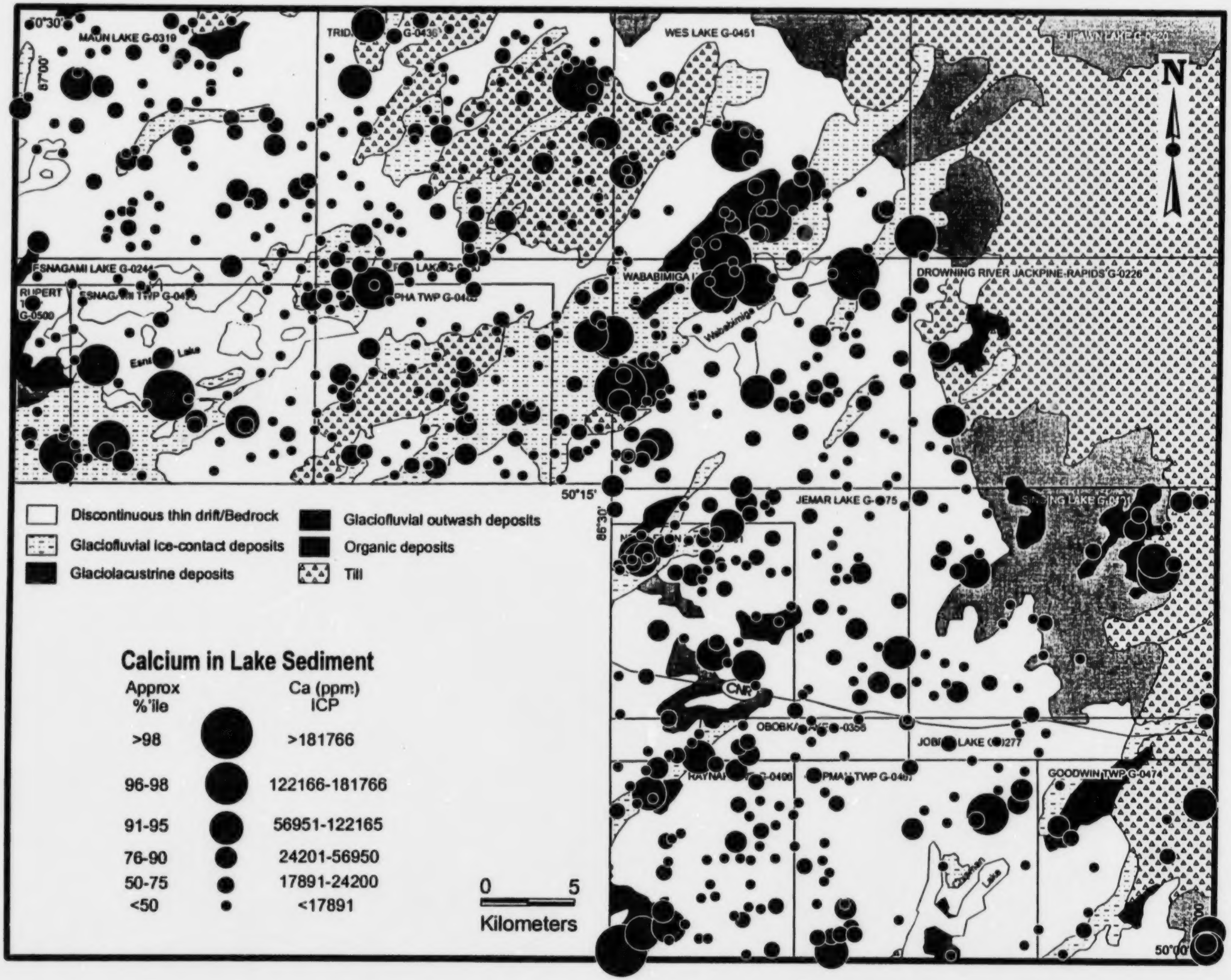
96-98 122166-181766
91-95 56951-122165
76-90 24201-56950
50-75 17891-24200
<50 <17891
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0 5
Kilometers
49°45'
86°30'
86°00'
N
Longlac
Long Lake
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
BICKLE TWP
OAKES TWP
RAYNAR TWP
BAIN TWP G-0492
DALEY TWP G-0482
LAPONEN LAKE
Chipman Lake
O'MEARA TWP
FERNOW TWP
Pagwachuan Lake
CARAMAT LAKE
CNR
625


Calcium in Lake Sediment
Approx %'ile
Ca (ppm) ICP
>98
>181766
96-98
122166-181766
91-95
56951-122165
76-90
24201-56950
50-75
17891-24200
<50
<17891
Discontinuous thin drift/Bedrock
Fluvial Deposits
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
0
5
Kilometers
N
50°00'
86°00'
GOODWIN TWP
EARLOW TWP
SELWYN TWP
HENDERSON TWP
BELL TWP
FERNOW TWP
KLOTZ TWP
Lake
KLOTZ LAKE
BICKNELL LAKE G-206
KASSISIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
85°30'
49°45'
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G
MANN LAKE G-318
THORNBER LAKE G-430
CNR
ES TWP
HIAWATHA TWP
49°30'
85°00'



50°30'
87°00'
MAUN LAKE G-0319
TRID G-0436
WES LAKE G-0451
N
ESNAGAMI LAKE G-0244
RUPERT G-0500
ESNAGAMI TWP G-0495
PHA TWP G-0465
WABABIMIGA
Wababimiga Lake
Esnagami Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
50°15'
86°30'
JEMAR LAKE G-0275
CNR
OBOBKA
JOBIN LAKE
RAYNAR TWP G-0496
CHAPMAN TWP G-0467
GOODWIN TWP G-0474
50°00'
Discontinuous thin drift/Bedrock
Glaciofluvial ice-contact deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Organic deposits
Till
Calcium in Lake Sediment
Approx %'ile
Ca (ppm) ICP
>98
>181766
96-98
122166-181766
91-95
56951-122165
76-90
24201-56950
50-75
17891-24200
<50
<17891
0
5
Kilometers

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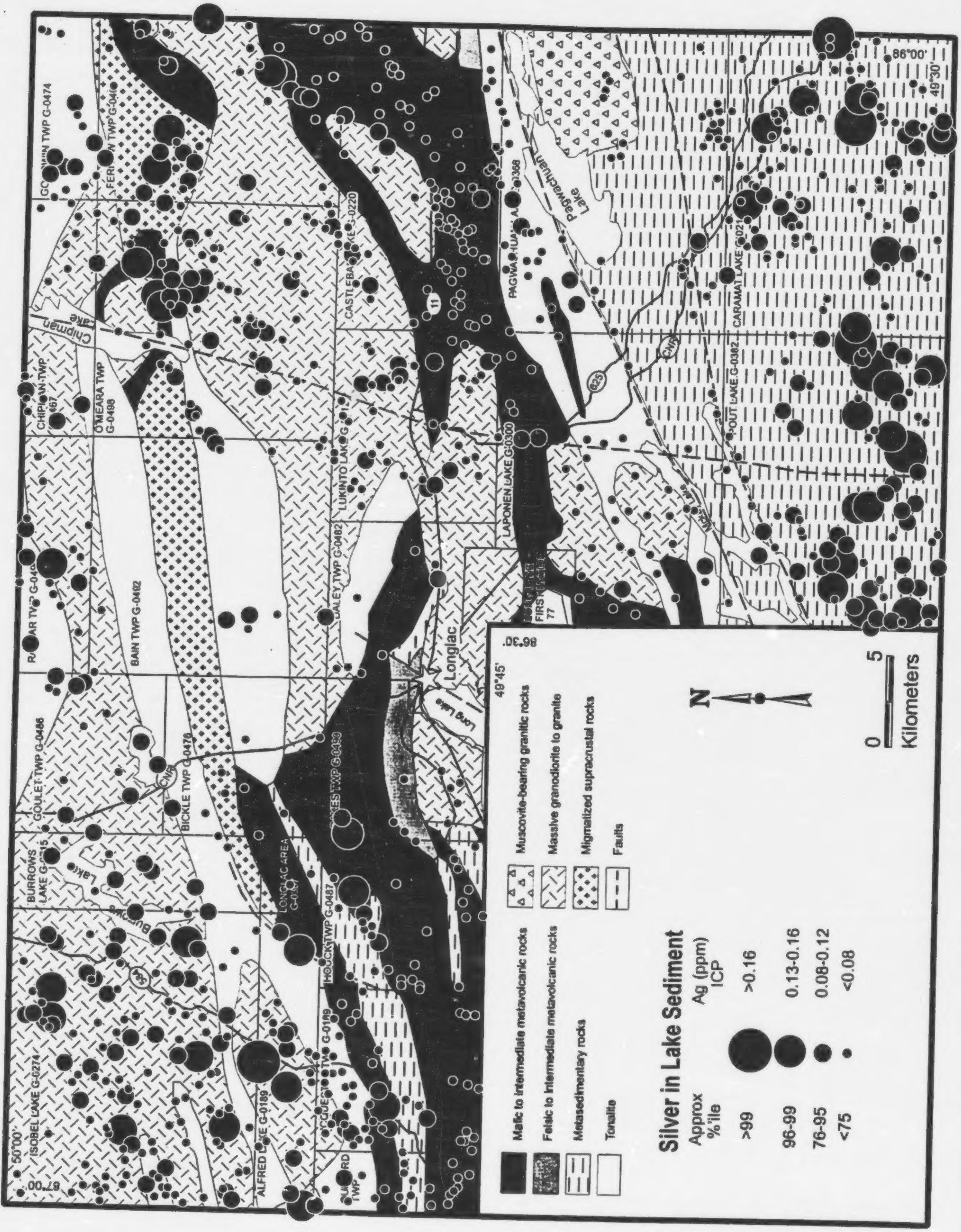
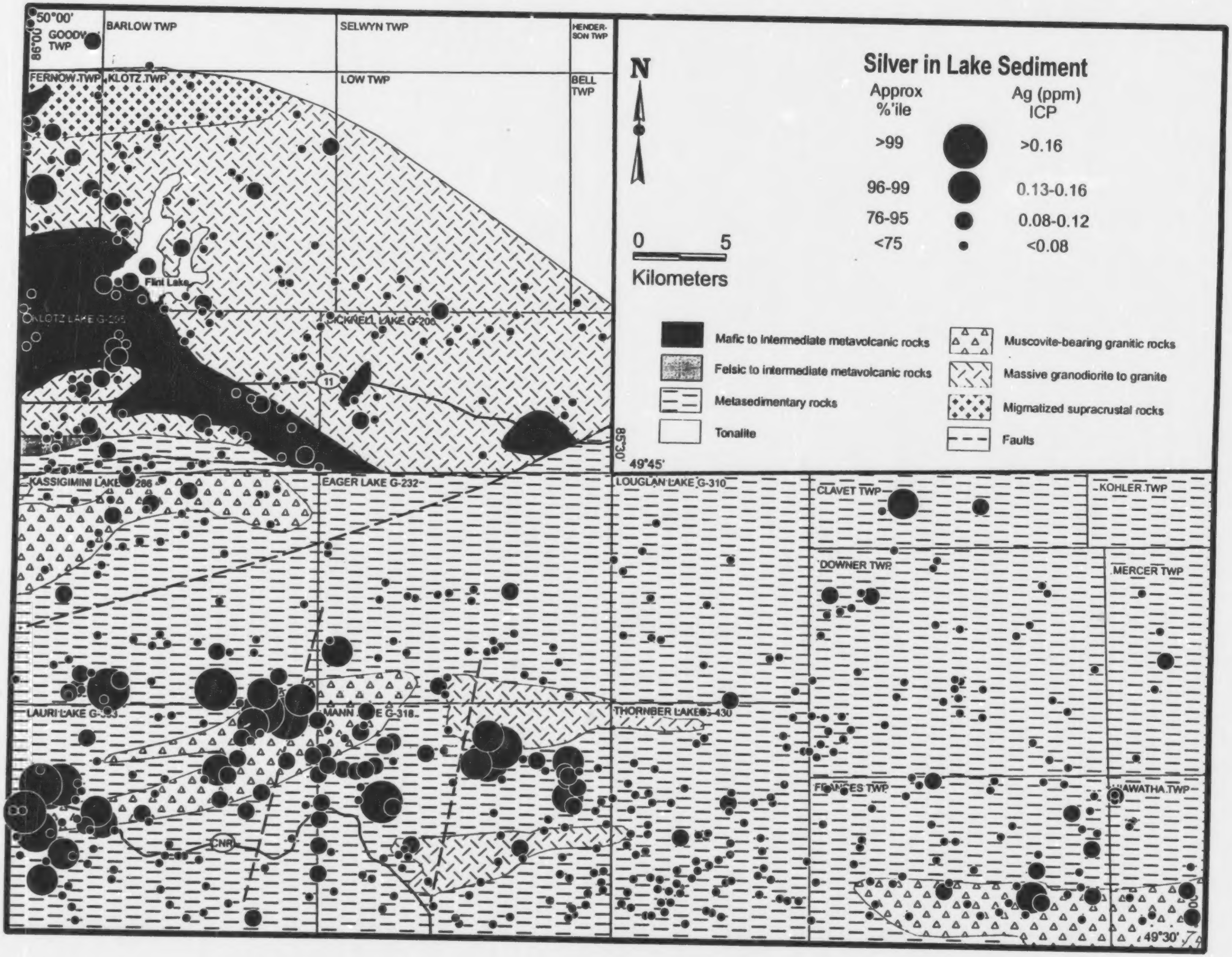
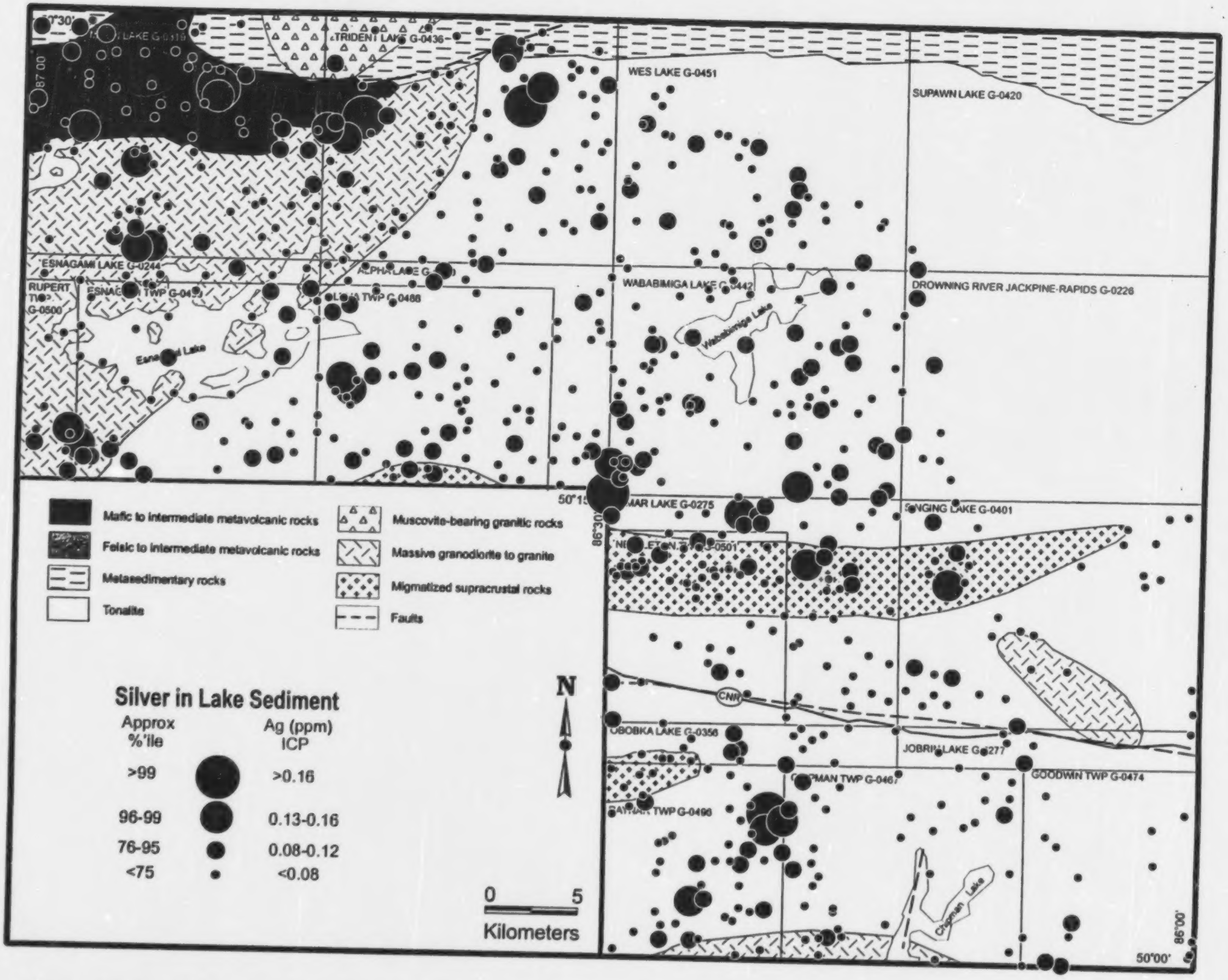
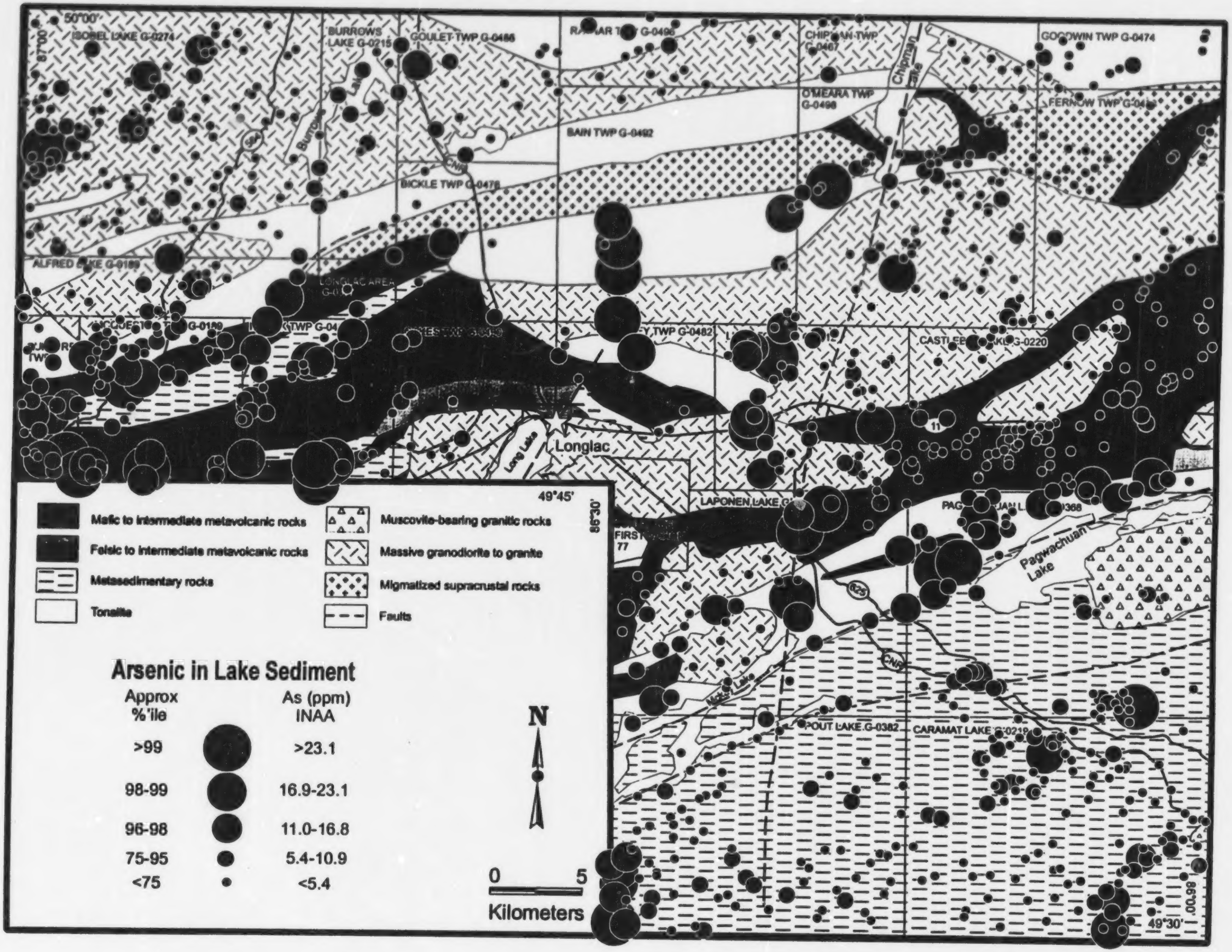
APPENDIX B

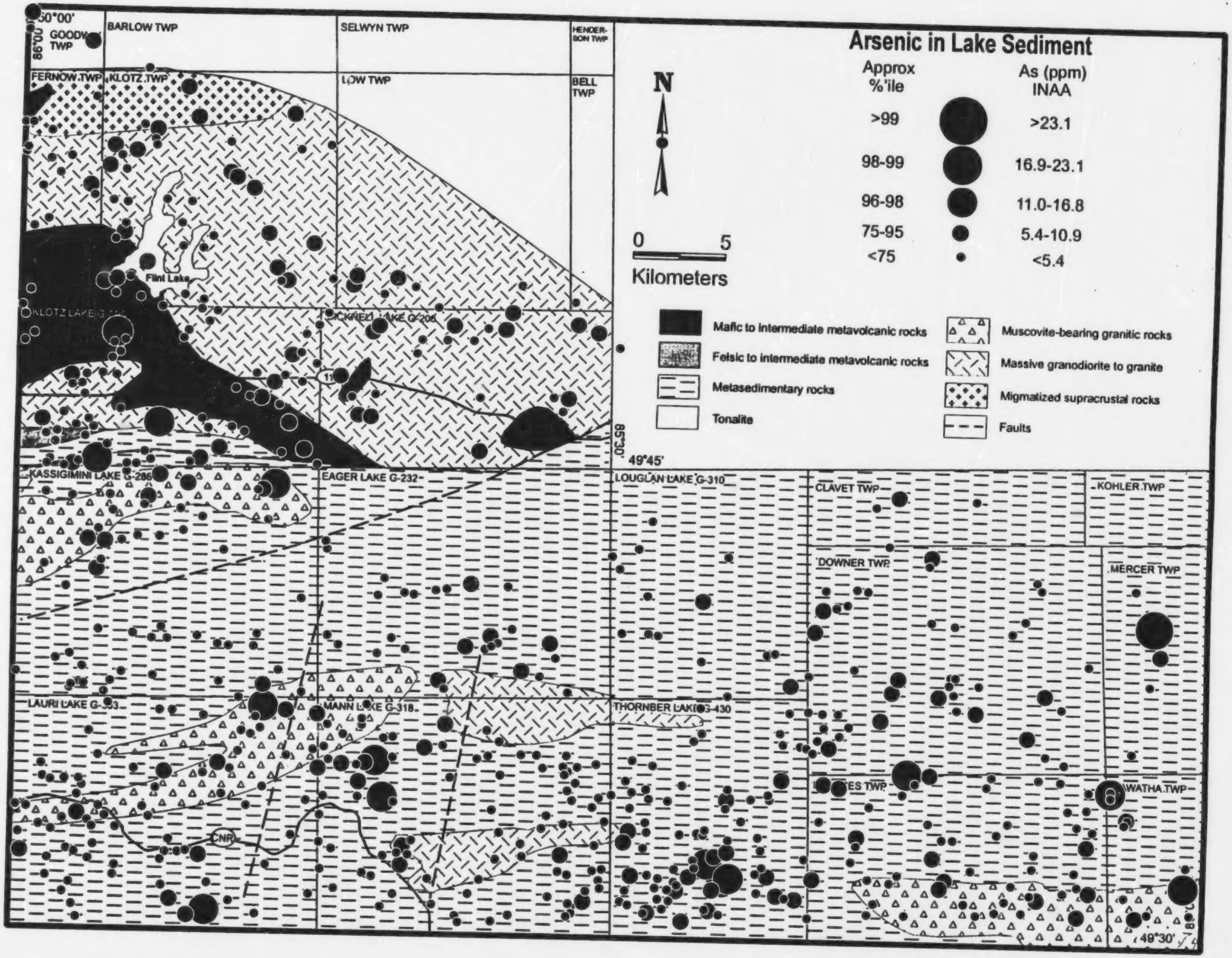
Proportional dot maps of Ag, As, Au (FA), Au (INAA), Ce, Co, Cr, Cu, Fe, La, LOI, Mn, Mo, Nb, Ni, Pb, Pd, Pt, PGEs, V, W, Yb and Zn in lake sediment; Maps 1, 2 and 3

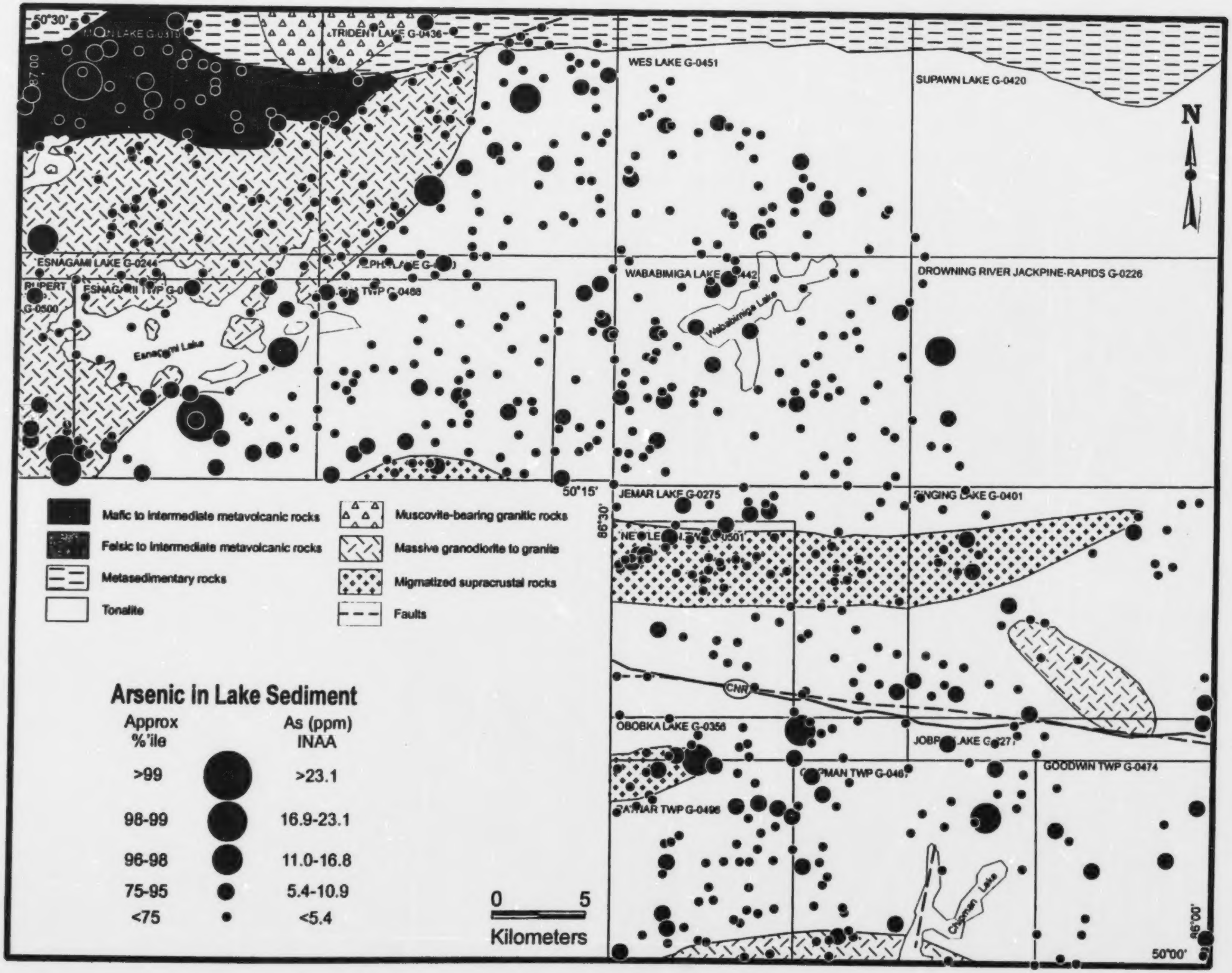

Silver in Lake Sediment
Approx %'ile
Ag (ppm) ICP
>99
>0.16
96-99
0.13-0.16
76-95
0.08-0.12
<75
<0.08
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
ALFRED LAKE G-0189
BURROWS LAKE G-0215
GOULET TWP G-0486
BICKLE TWP G-0470
BAIN TWP G-0492
O'MEARA TWP G-0498
CHIPMAN TWP G-0467
FERGUSON TWP G-0468
GOODWIN TWP G-0474
LONGLAC AREA G-0397
HOUCK TWP G-0487
DALEY TWP G-0482
LUKINTO LAKE G-0
CASTLEBAR LAKE G-0220
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0368
CARAMAT LAKE G-021
TROUT LAKE G-0382
Longlac
Chipman Lake
Pagwachuan Lake
Burrows Lake
Long Lake
CNR
11
625
FIRST
77

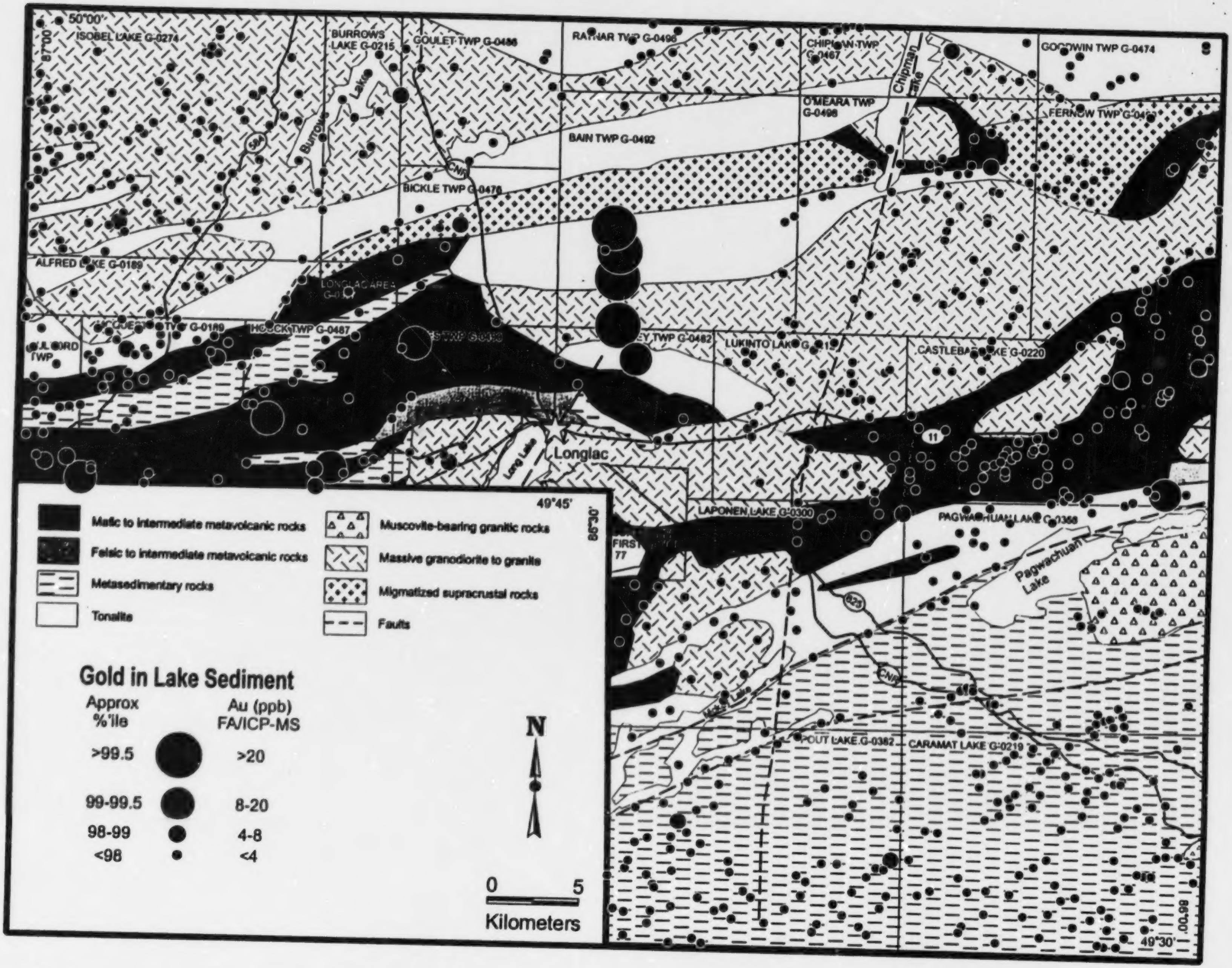

Silver in Lake Sediment
Approx %'ile
Ag (ppm) ICP
>99
>0.16
96-99
0.13-0.16
76-95
0.08-0.12
<75
<0.08
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODY TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-205
PICKNELL LAKE G-206
11
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-333
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR

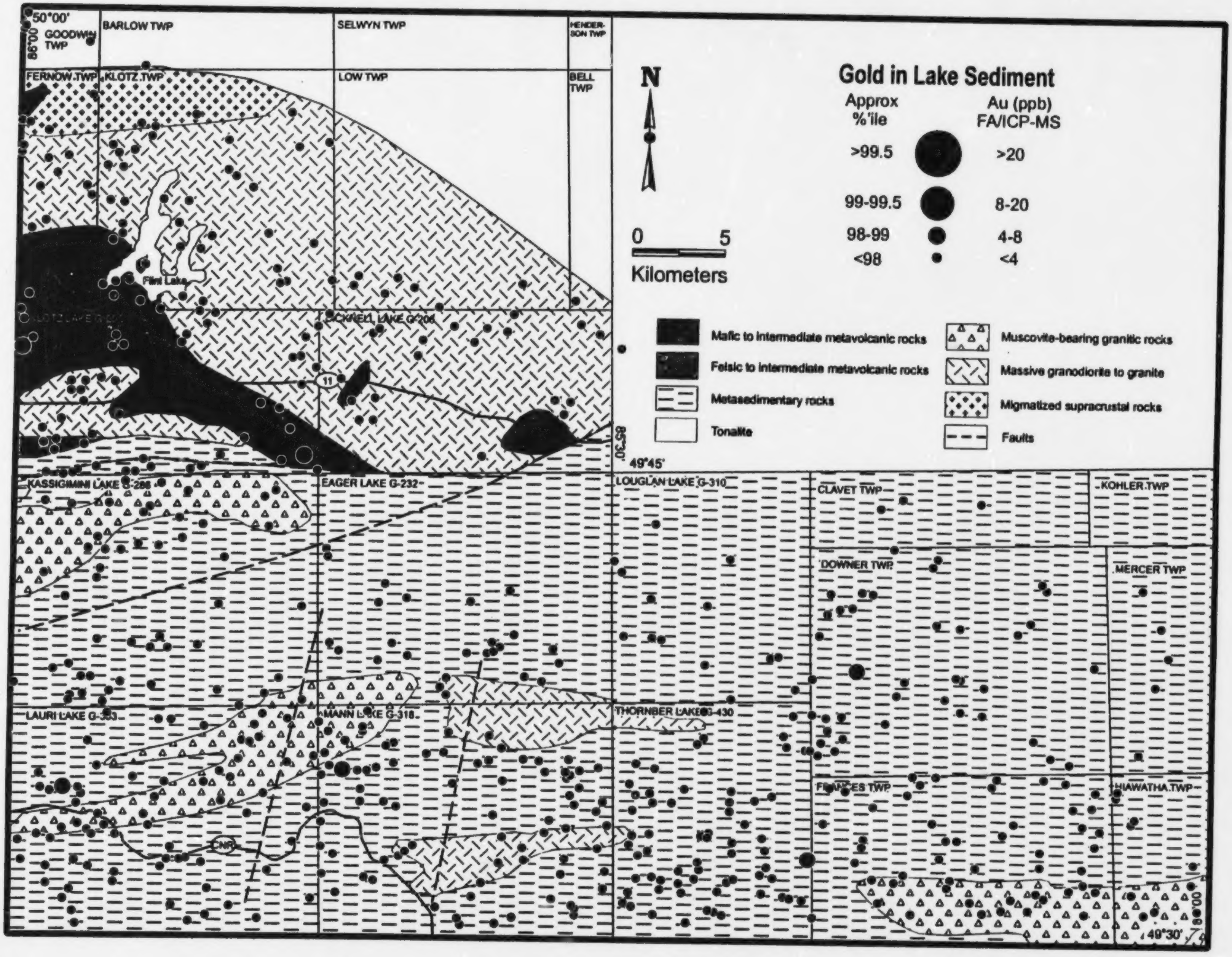

50°30'
87°00'
LAKE G-0319
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
ALPHA LAKE G
RUPERT TWP G-0500
ESNAGAMI TWP G-04
TWP G-0488
Esnagami Lake
WABABIMIGA LAKE G-0442
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
50°15'
86°30'
MAR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
CHAPMAN TWP G-0467
TWP G-0496
Chapman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Silver in Lake Sediment
Approx %'ile
Ag (ppm) ICP
>99
>0.16
96-99
0.13-0.16
76-95
0.08-0.12
<75
<0.08
N
0
5
Kilometers

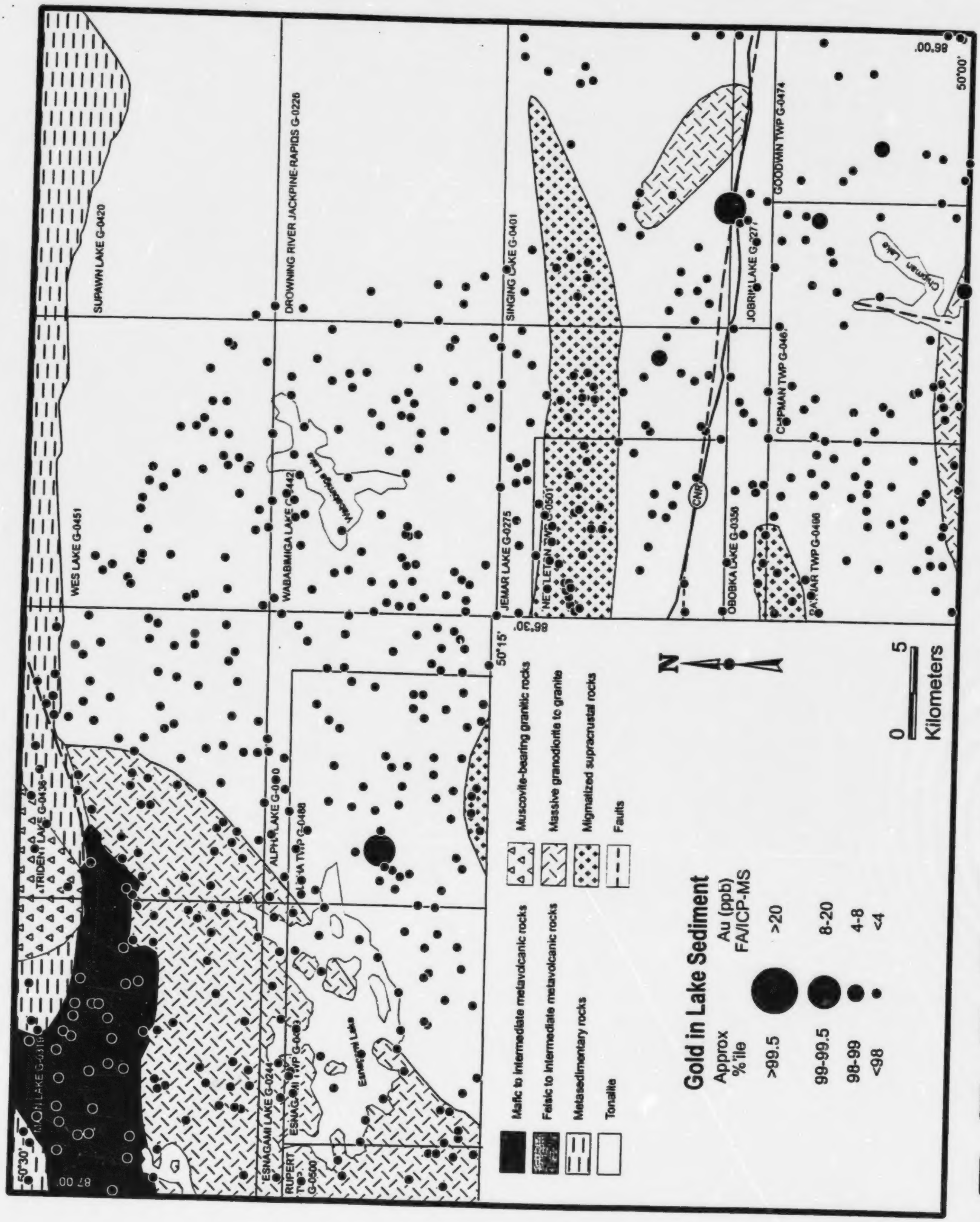

Arsenic in Lake Sediment
Approx %'ile
As (ppm) INAA
>99
>23.1
98-99
16.9-23.1
96-98
11.0-16.8
75-95
5.4-10.9
<75
<5.4
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
Burrows Lake
GOULET TWP G-0486
BICKLE TWP G-0476
BAIN TWP G-0492
CHIPMAN TWP G-0487
Chipman Lake
O'MEARA TWP G-0498
GOODWIN TWP G-0474
FERNOW TWP
ALFRED LAKE G-0189
LONGLAC AREA
TWP G-0482
CASTLE
G-0220
Longlac
Long Lake
LAPONEN LAKE
FIRST
77
11
Pagwachuan Lake
CNR
POUT LAKE G-0382
CARAMAT LAKE G-0219

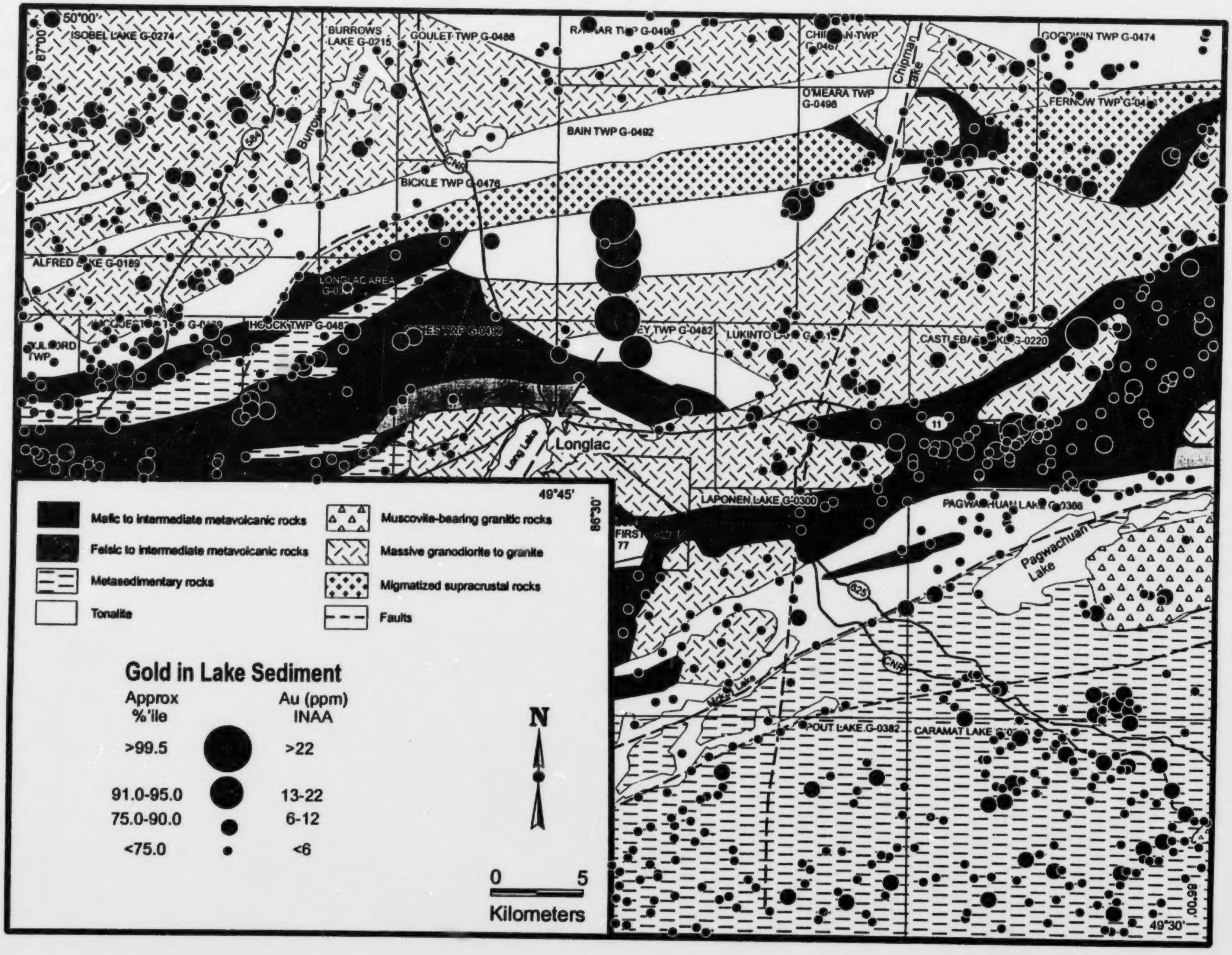

Arsenic in Lake Sediment
Approx %'ile
As (ppm) INAA
>99
>23.1
98-99
16.9-23.1
96-98
11.0-16.8
75-95
5.4-10.9
<75
<5.4
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE
NICKNELL LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-333
MANN LAKE G-318
THORNBER LAKE G-430
ES TWP
WATHA TWP
CNR
49°30'

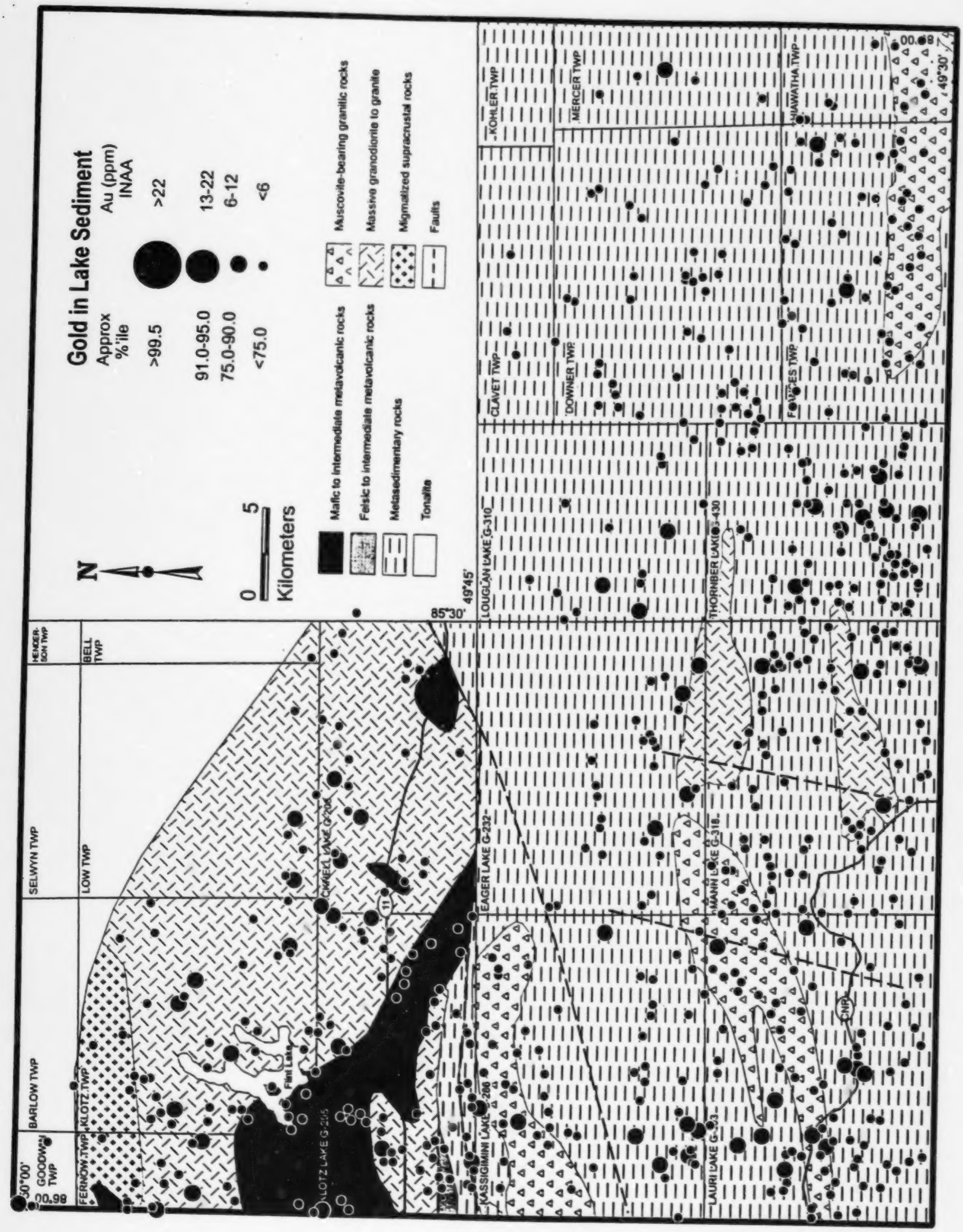

Arsenic in Lake Sediment
Approx %'ile
As (ppm) INAA
>99
>23.1
98-99
16.9-23.1
96-98
11.0-16.8
75-95
5.4-10.9
<75
<5.4
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0
5
Kilometers
N
50°30'
87°00'
50°15'
86°30'
50°00'
86°00'
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
RUPERT
G-0500
WABABIMIGA LAKE
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
Esnagami Lake
JEMAR LAKE G-0275
SINGING LAKE G-0401
OBOBKA LAKE G-0356
GOODWIN TWP G-0474
CNR
Chipman Lake

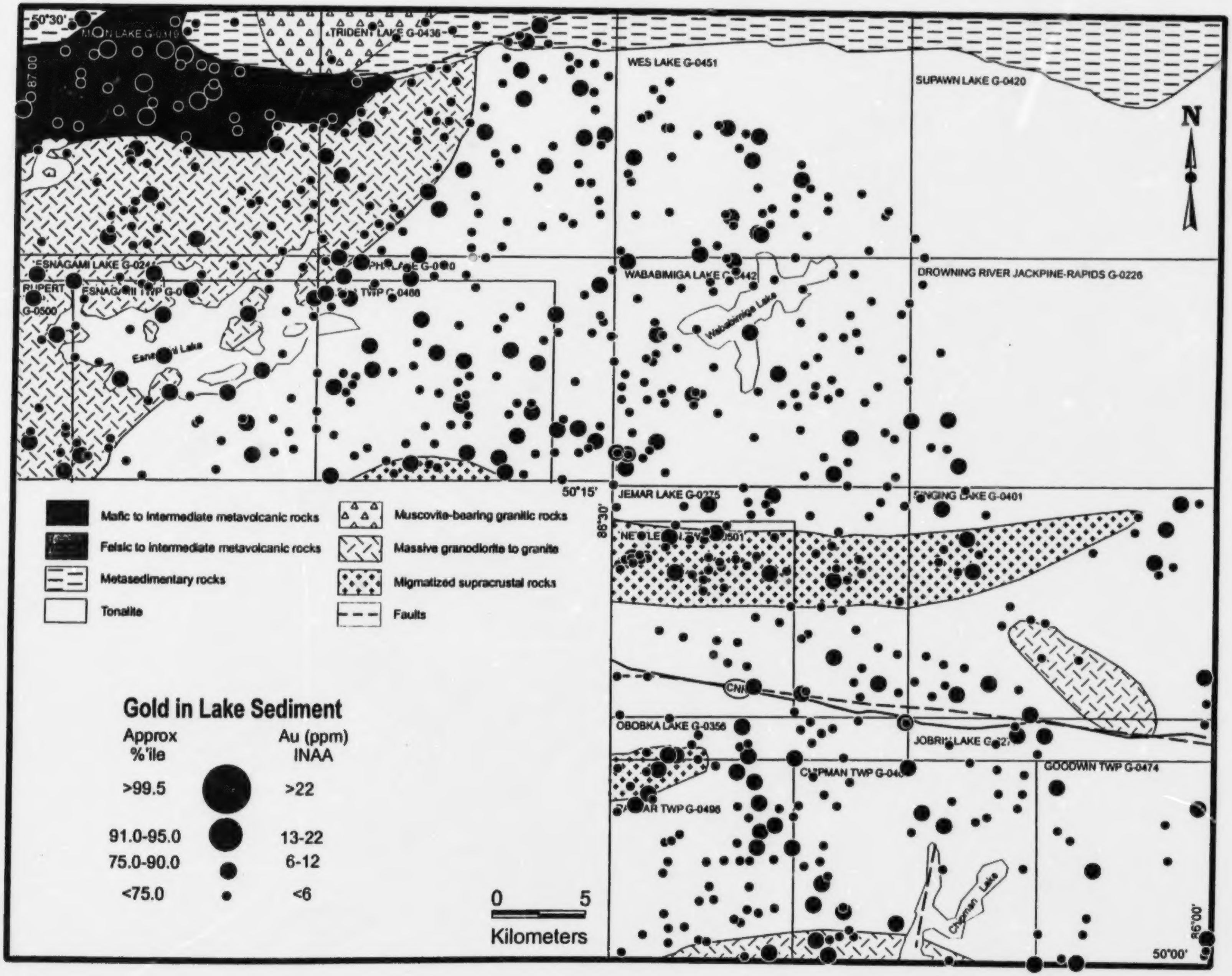
50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
RATHAR TWP G-0496
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
O'MEARA TWP G-0498
FERNOW TWP
BAIN TWP G-0492
Chipman Lake
Burrows Lake
CNR
BICKLE TWP G-0476
ALFRED LAKE G-0189
LONGLAC AREA
HOSCK TWP G-0487
LUKINTO LAKE
CASTLEBAR LAKE G-0220
Long Lake
Longlac
11
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0358
Pagwachuan Lake
625
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°45'
86°30'
49°30'
86°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Gold in Lake Sediment
Approx %'ile
Au (ppb) FA/ICP-MS
>99.5
>20
99-99.5
8-20
98-99
4-8
<98
<4
N
0
5
Kilometers

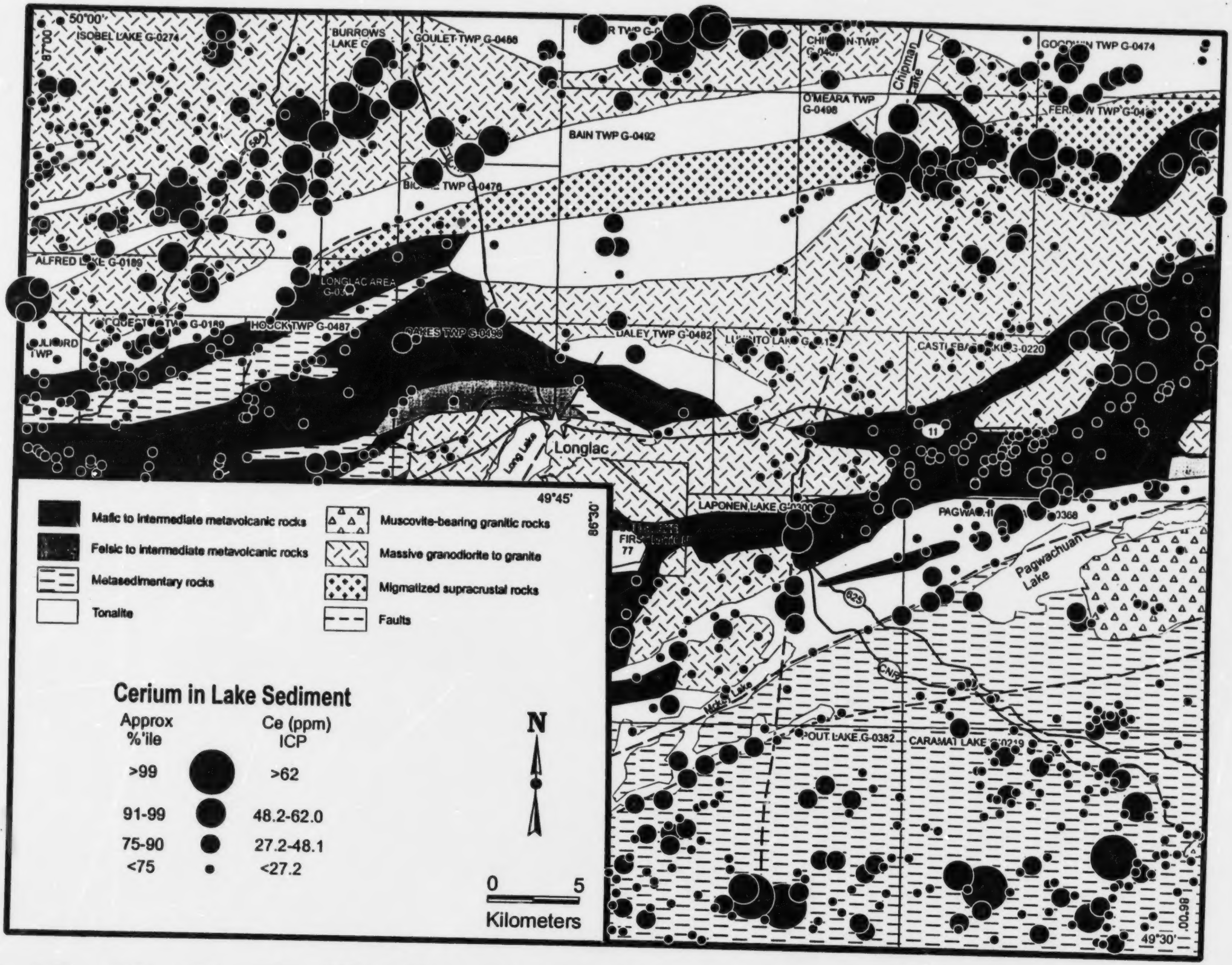

Gold in Lake Sediment
Approx %'ile
Au (ppb) FA/ICP-MS
>99.5 >20
99-99.5 8-20
98-99 4-8
<98 <4
N
0 5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE
PICKRELL LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-353
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR
49°30'
85°00'

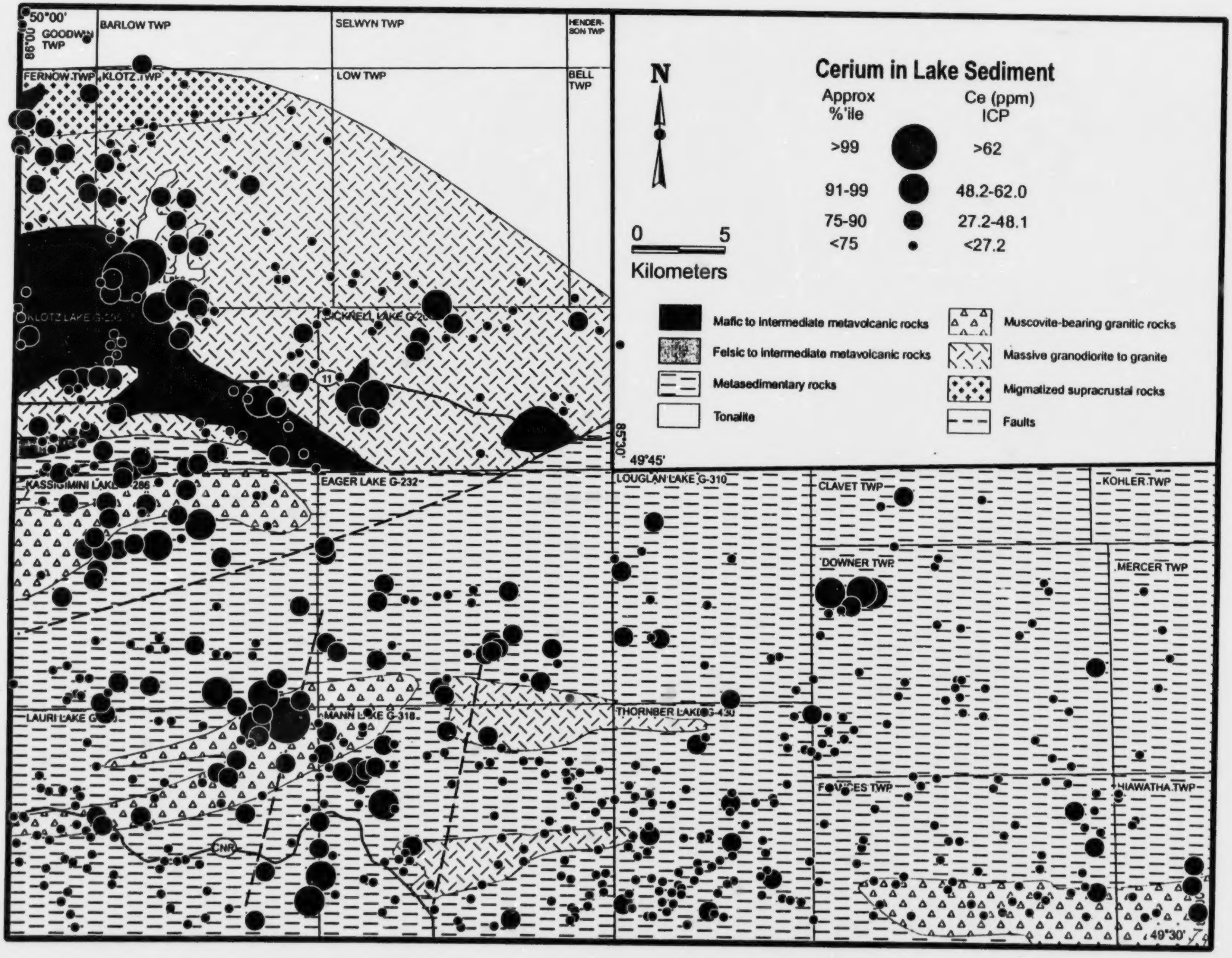

Gold in Lake Sediment
Approx %ile
Au (ppb) FA/ICP-MS
>99.5
>20
99-99.5
8-20
98-99
4-8
<98
<4
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°30'
50°15'
50°00'
87°00'
86°30'
86°00'
MOONLAKE G-0319
TRIDENT LAKE G-0436
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0010
WES LAKE G-0451
DROWNING RIVER JACKPINE-RAPIDS G-0226
RUPERT TWP G-0500
ESNAGAMI TWP G-0491
ROSHA TWP G-0488
WABABMIGA LAKE G-0442
JEMAR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
BARBAR TWP G-0496
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
Esnagami Lake
Wababimiga Lake
Chipman Lake
CNR

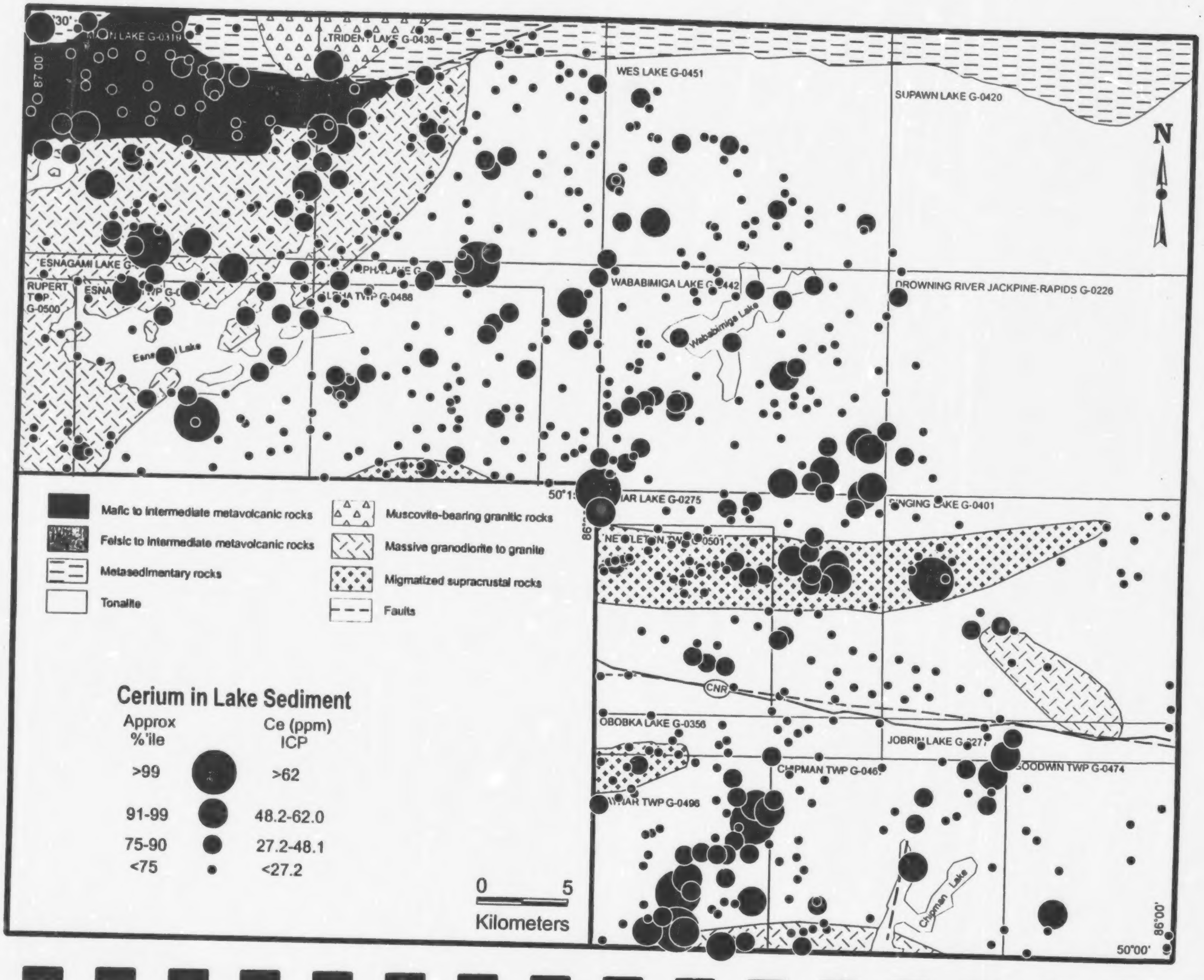

50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
Burrows Lake
GOULET TWP G-0486
BAIN TWP G-0492
O'MEARA TWP G-0496
Chipman Lake
GOODWIN TWP G-0474
FERNOW TWP G-04
BICKLE TWP G-0476
CNR
584
ALFRED LAKE G-0189
LONGLAC AREA
HOUCK TWP G-0487
LUKINTO LAKE
CASTLEBAR LAKE G-0220
11
Long Lake
Longlac
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0366
Pagwachuan Lake
FIRST
77
625
CNR
POUT LAKE G-0382
CARAMAT LAKE
49°45'
86°30'
86°00'
49°30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Gold in Lake Sediment
Approx %'ile
Au (ppm) INAA
>99.5
>22
91.0-95.0
13-22
75.0-90.0
6-12
<75.0
<6
N
0
5
Kilometers

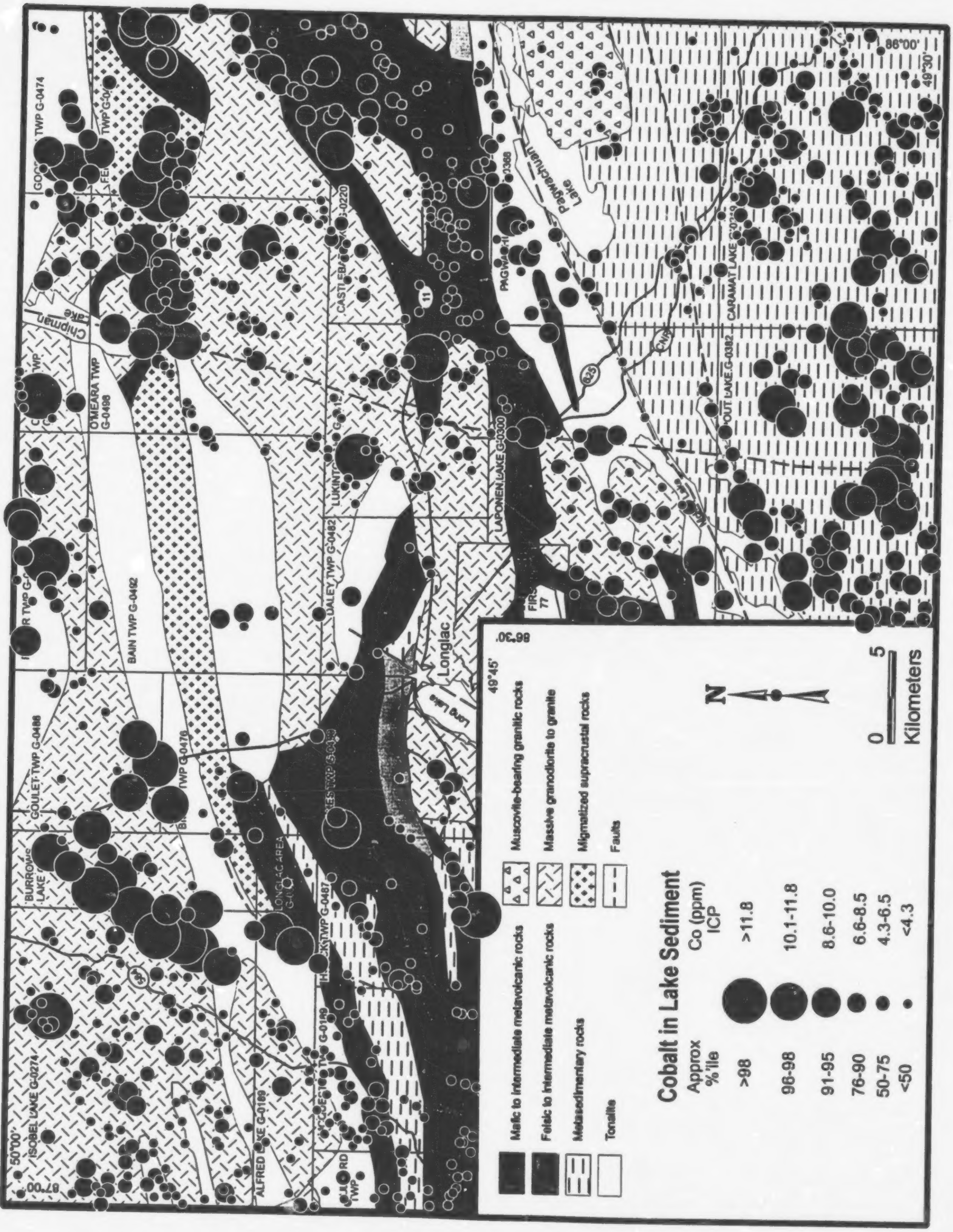

Gold in Lake Sediment
Approx %'ile
Au (ppm) INAA
>99.5
>22
91.0-95.0
13-22
75.0-90.0
6-12
<75.0
<6
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
49°45'
85°30'
49°30'
85°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-265
Pine Lake
PICKRELL LAKE G-268
11
KASSIGIMINI LAKE G-280
EAGER LAKE G-232
LOUGLAN LAKE G-310
LAURI LAKE G-303
MANN LAKE G-318
THORNBER LAKE G-430
CNR
KOHLER TWP
CLAVET TWP
MERCER TWP
DOWNER TWP
HIAWATHA TWP
FOURNIER TWP

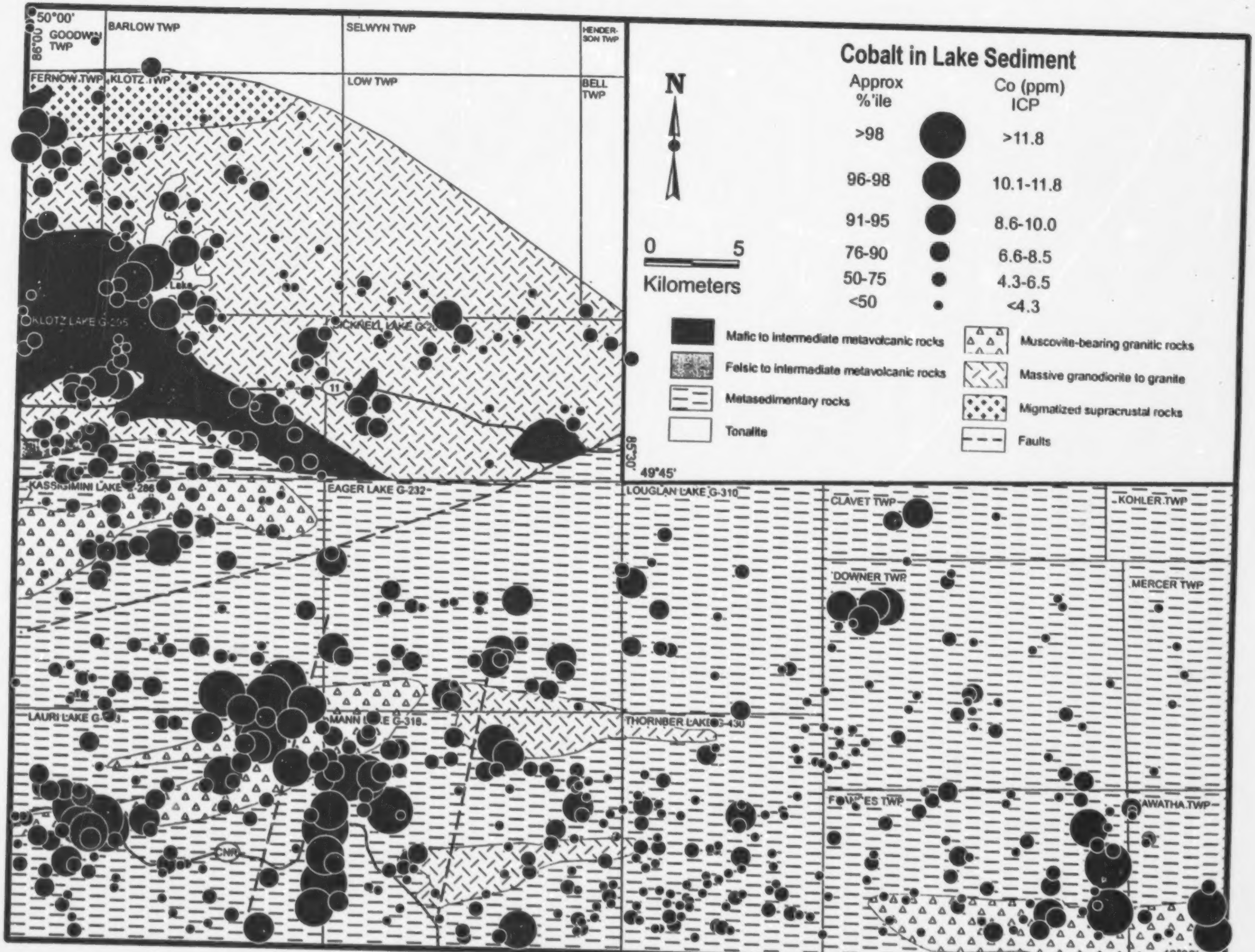

50°30'
87 00
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
N
ESNAGAMI LAKE G-024
RUPERT
G-0500
TWP G-0480
WABABIMIGA LAKE G-0442
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G
GOODWIN TWP G-0474
TWP G-0498
Chipman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Gold in Lake Sediment
Approx %'ile
Au (ppm) INAA
>99.5
>22
91.0-95.0
13-22
75.0-90.0
6-12
<75.0
<6
0
5
Kilometers

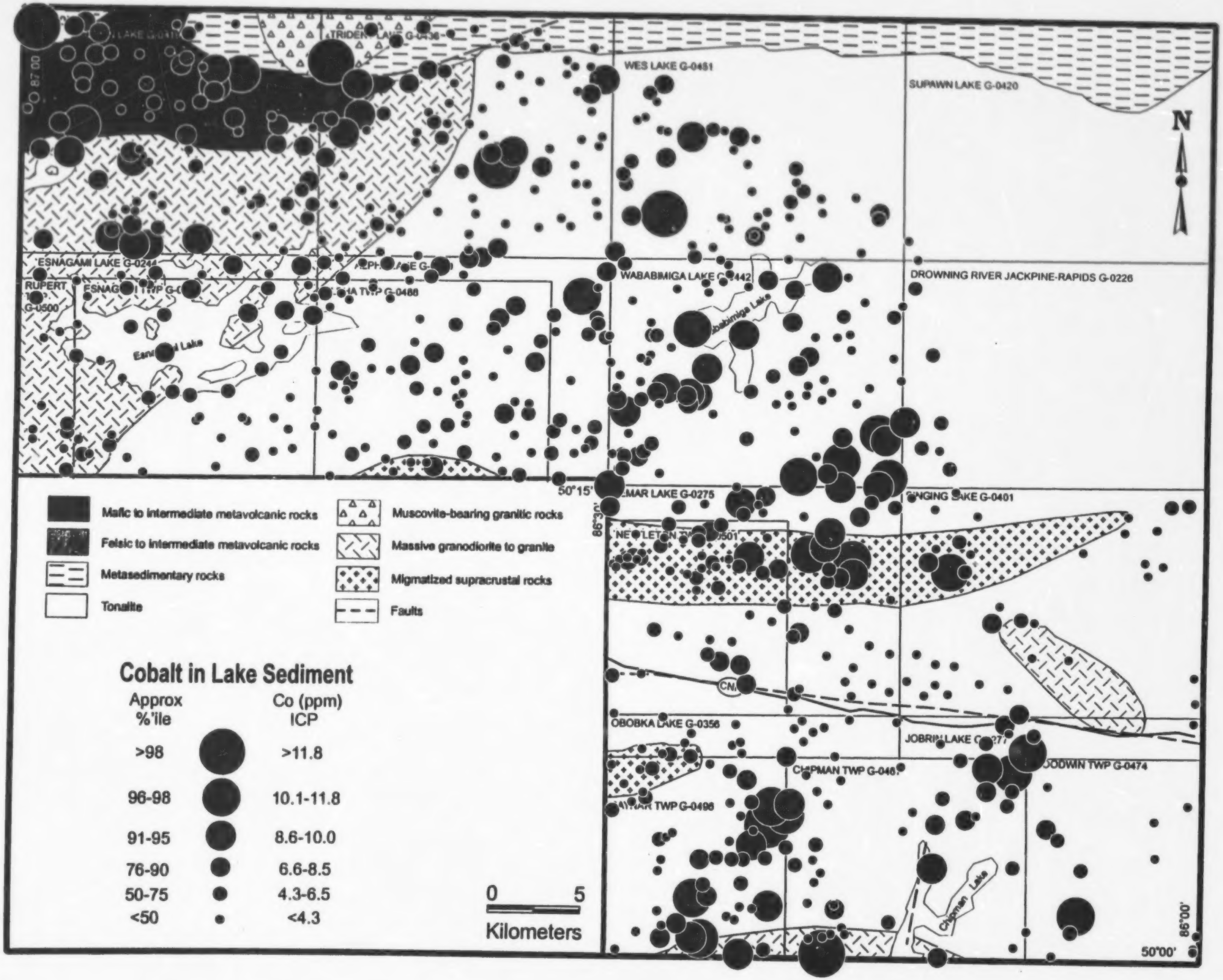

Cerium in Lake Sediment
Approx %'ile
Ce (ppm) ICP
>99
>62
91-99
48.2-62.0
75-90
27.2-48.1
<75
<27.2
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
BURROWS LAKE G
GOULET TWP G-0486
BAIN TWP G-0492
BICKLE TWP G-0476
O'MEARA TWP G-0498
GOODWIN TWP G-0474
Chipman Lake
ALFRED LAKE G-0189
LONGLAC AREA G-0317
HOUCK TWP G-0487
OAKES TWP G-0496
DALEY TWP G-0482
CASTLEBAR LAKE G-0220
LAPONEN LAKE G-0300
Longlac
Long Lake
FIRST
77
Pagwachuan Lake
POUT LAKE G-0382
CARAMAT LAKE G-0219
11
625
CNR
58A

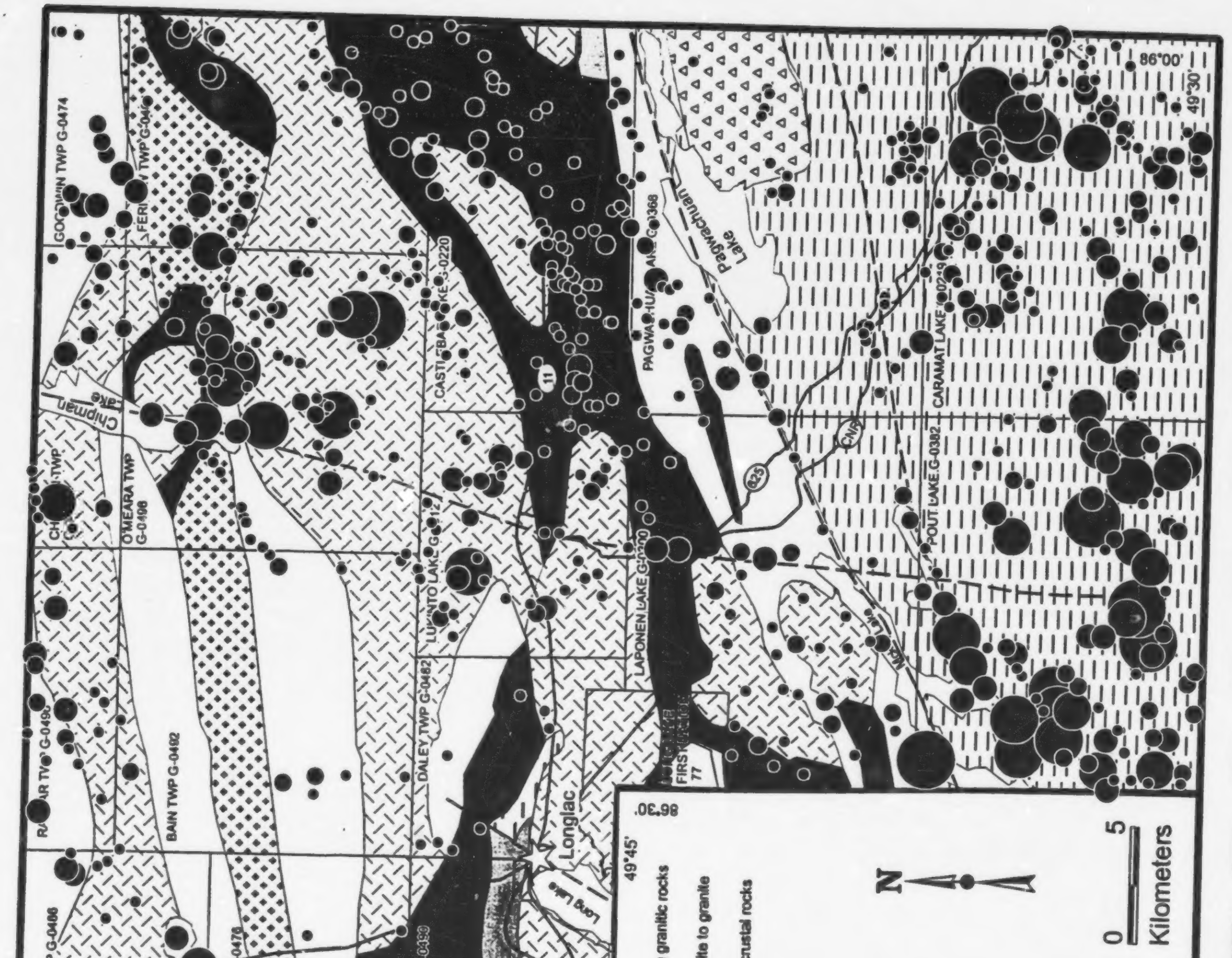

Cerium in Lake Sediment
Approx %'ile
Ce (ppm) ICP
>99
>62
91-99
48.2-62.0
75-90
27.2-48.1
<75
<27.2
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-
KASSIGIMINI LAKE
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G
MANN LAKE G-318
THORNBER LAKE G-430
HIAWATHA TWP
11
CNR

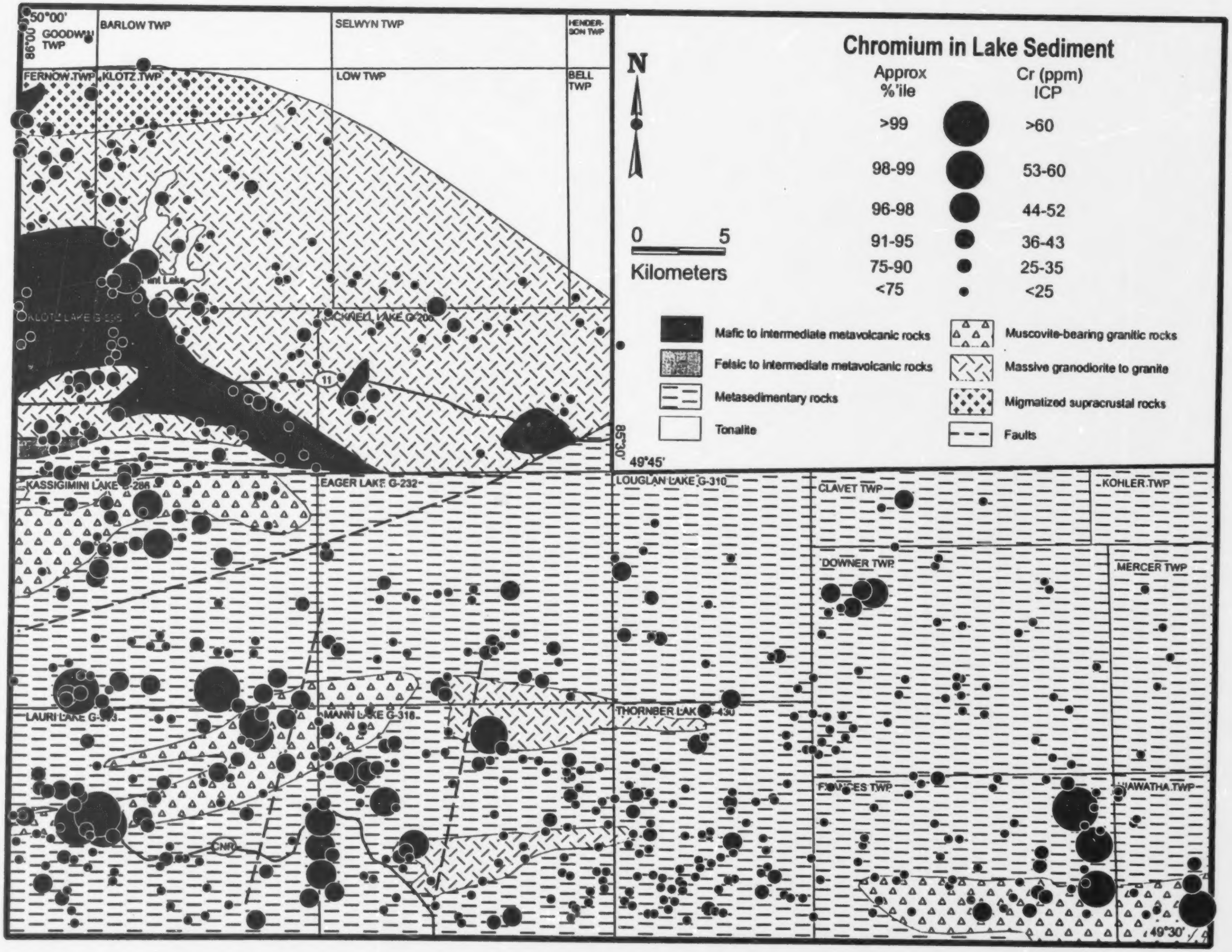
'30'
LAKE G-0319
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
87 00'
ESNAGAMI LAKE G-
RUPERT TWP G-0500
ESNA TWP G-0
ALPHA LAKE G
ALPHA TWP G-0488
WABABIMIGA LAKE G-0442
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
Esnagami Lake
50°1
86°
AR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
CHIPMAN TWP G-046
GOODWIN TWP G-0474
AR TWP G-0496
Chipman Lake
86°00'
50°00'
N
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Cerium in Lake Sediment
Approx %'ile
Ce (ppm) ICP
>99
>62
91-99
48.2-62.0
75-90
27.2-48.1
<75
<27.2
0
5
Kilometers

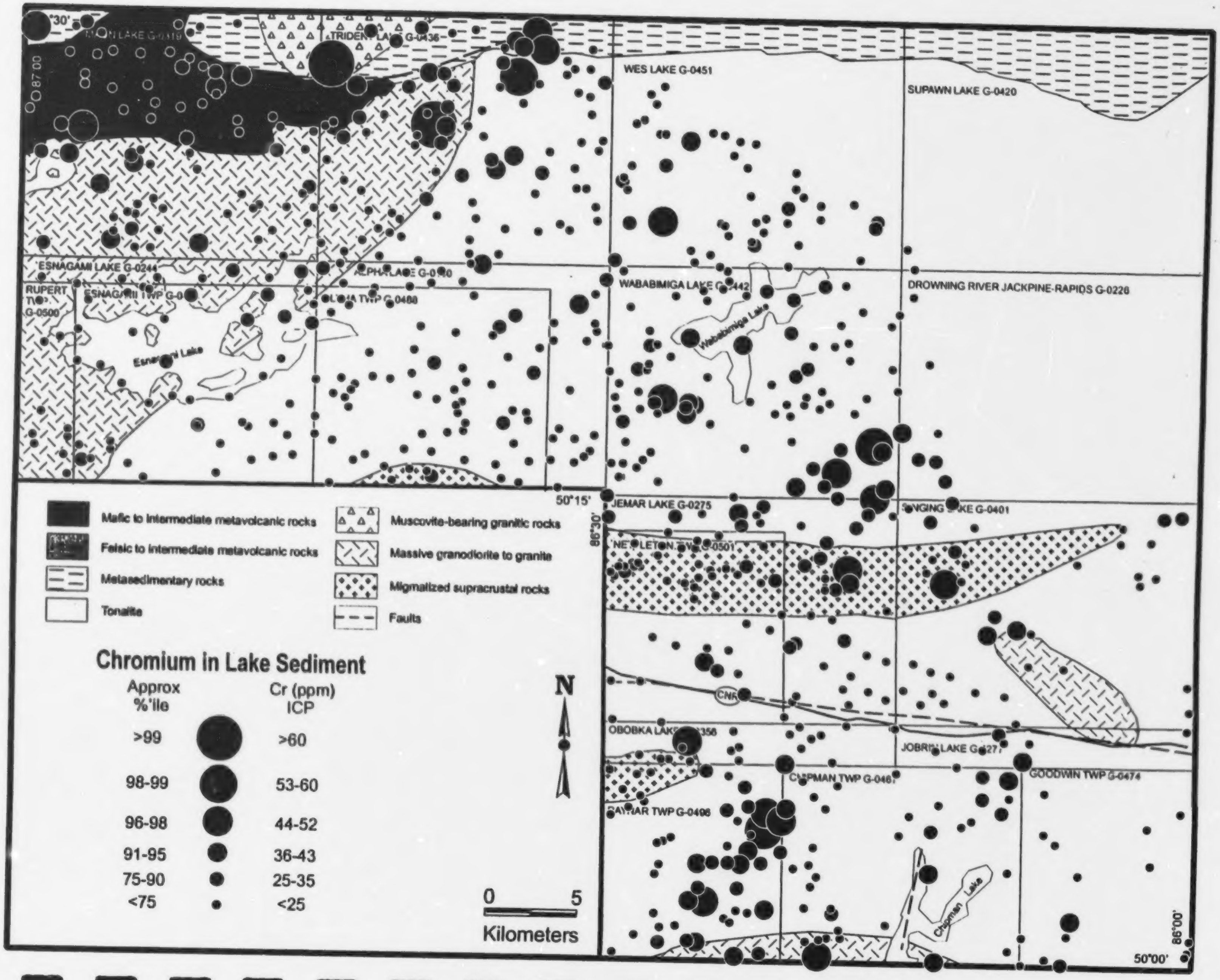

Cobalt in Lake Sediment
Approx %'ile
Co (ppm) ICP
>98
>11.8
96-98
10.1-11.8
91-95
8.6-10.0
76-90
6.6-8.5
50-75
4.3-6.5
<50
<4.3
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
86°30'
49°45'
86°00'
49°30'
ISOBEL LAKE G-0274
ALFRED LAKE G-0189
BURROWS LAKE
GOULET TWP G-0486
TWP G-0476
LONGLAC AREA
HOLCK TWP G-0487
BAIN TWP G-0492
DALEY TWP G-0482
O'MEARA TWP G-0498
Chipman Lake
TWP G-0474
CASTLEBAR
LAPONEN LAKE G-0300
CARAMAT LAKE G-0382
Pagwachuan Lake
Longlac
Long Lake
11
625
CNR

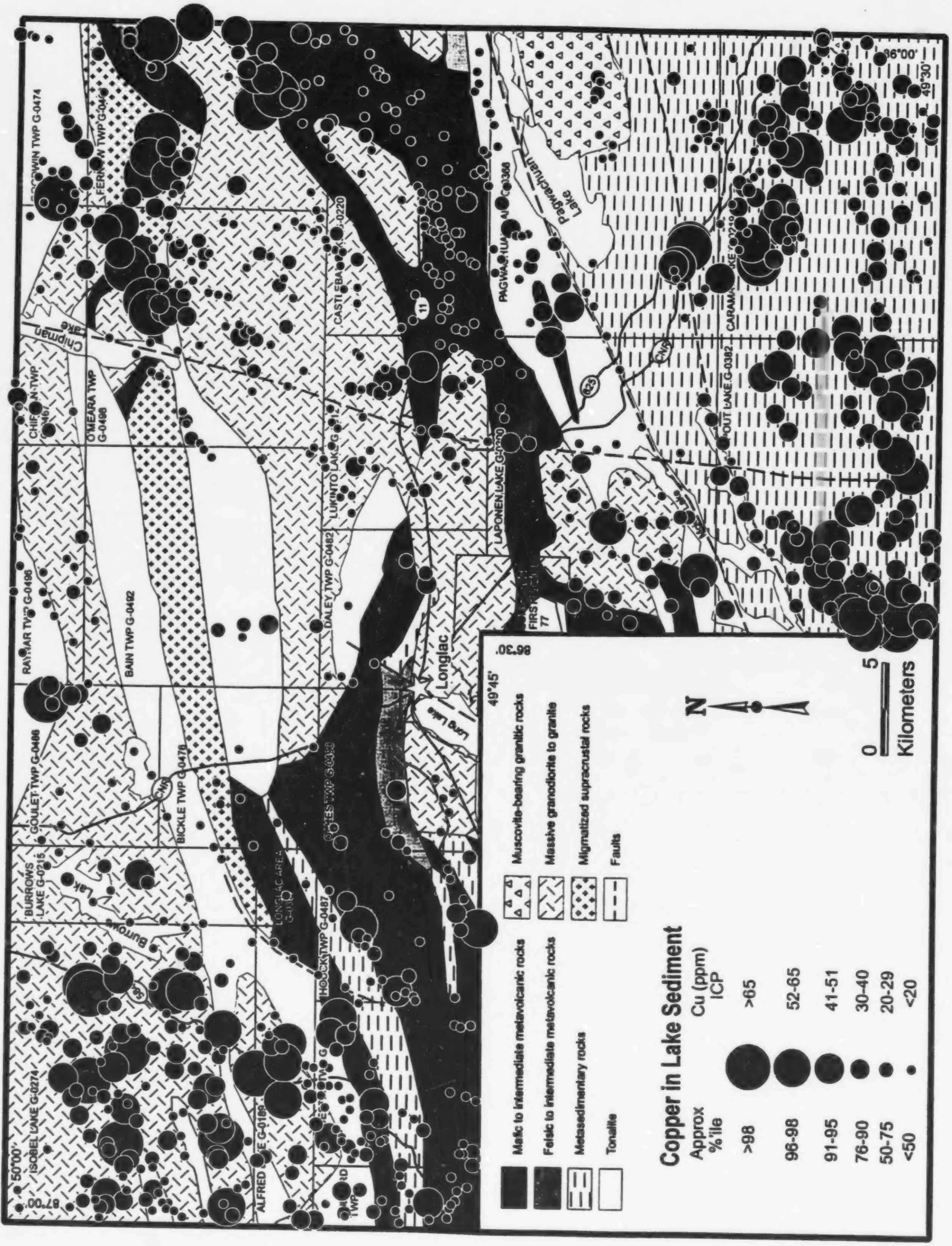

Cobalt in Lake Sediment
Approx %'ile
Co (ppm) ICP
>98
>11.8
96-98
10.1-11.8
91-95
8.6-10.0
76-90
6.6-8.5
50-75
4.3-6.5
<50
<4.3
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-205
PICKNELL LAKE G-2
11
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-
MANN LAKE G-318
THORNBER LAKE G-430
FOWLES TWP
HIAWATHA TWP
CNR

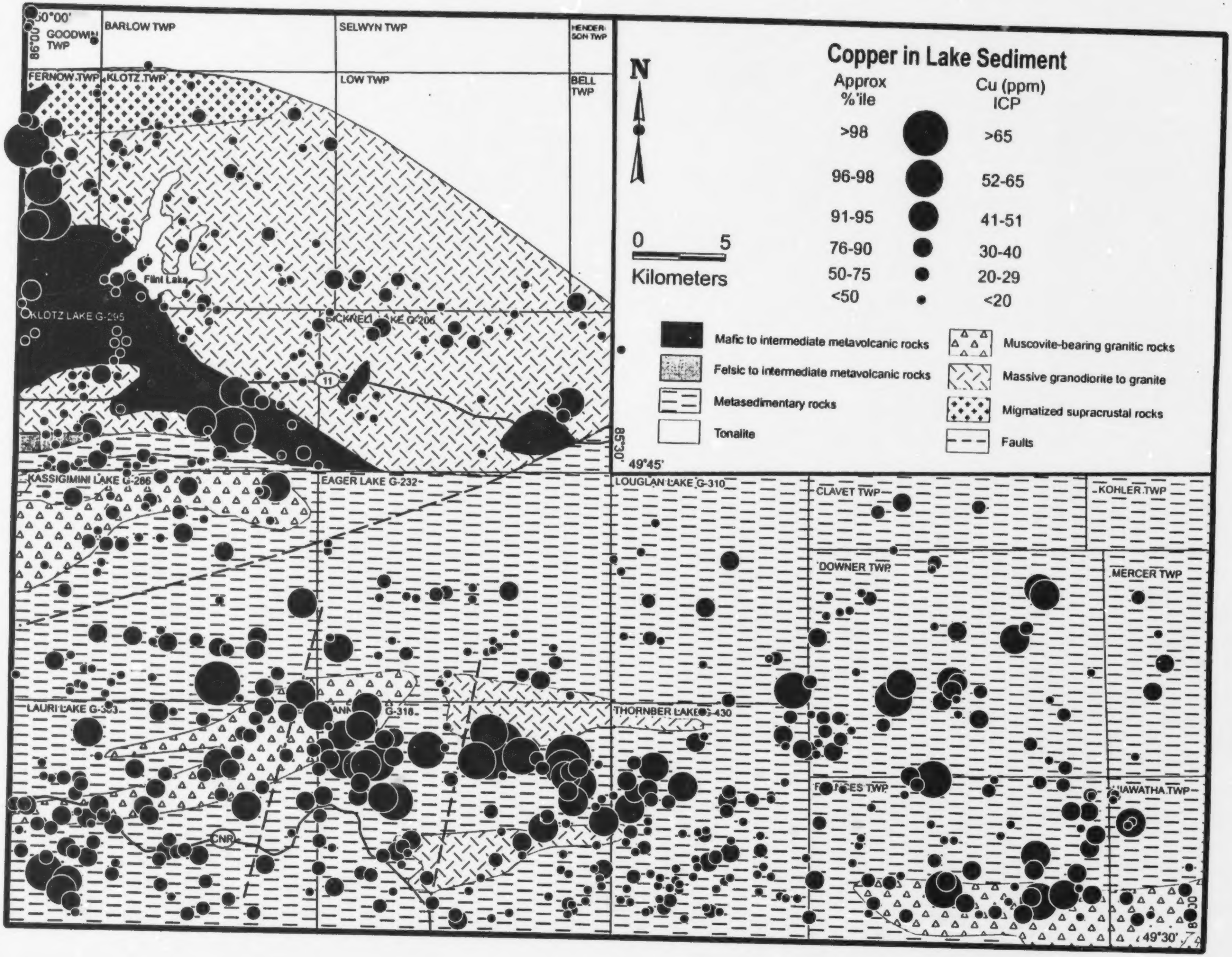

WES LAKE G-0451
SUPAWN LAKE G-0420
N
ESNAGAMI LAKE G-0244
RUPERT
G-0500
WABABIMIGA LAKE
DROWNING RIVER JACKPINE-RAPIDS G-0226
Esnagami Lake
Wababimiga Lake
87°00'
50°15'
86°30'
EMAR LAKE G-0275
SINGING LAKE G-0401
CN
OBOBKA LAKE G-0356
JOBRIN LAKE
CHIPMAN TWP
GOODWIN TWP G-0474
TWP G-0496
Chipman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Cobalt in Lake Sediment
Approx %'ile
Co (ppm) ICP
>98
>11.8
96-98
10.1-11.8
91-95
8.6-10.0
76-90
6.6-8.5
50-75
4.3-6.5
<50
<4.3
0
5
Kilometers

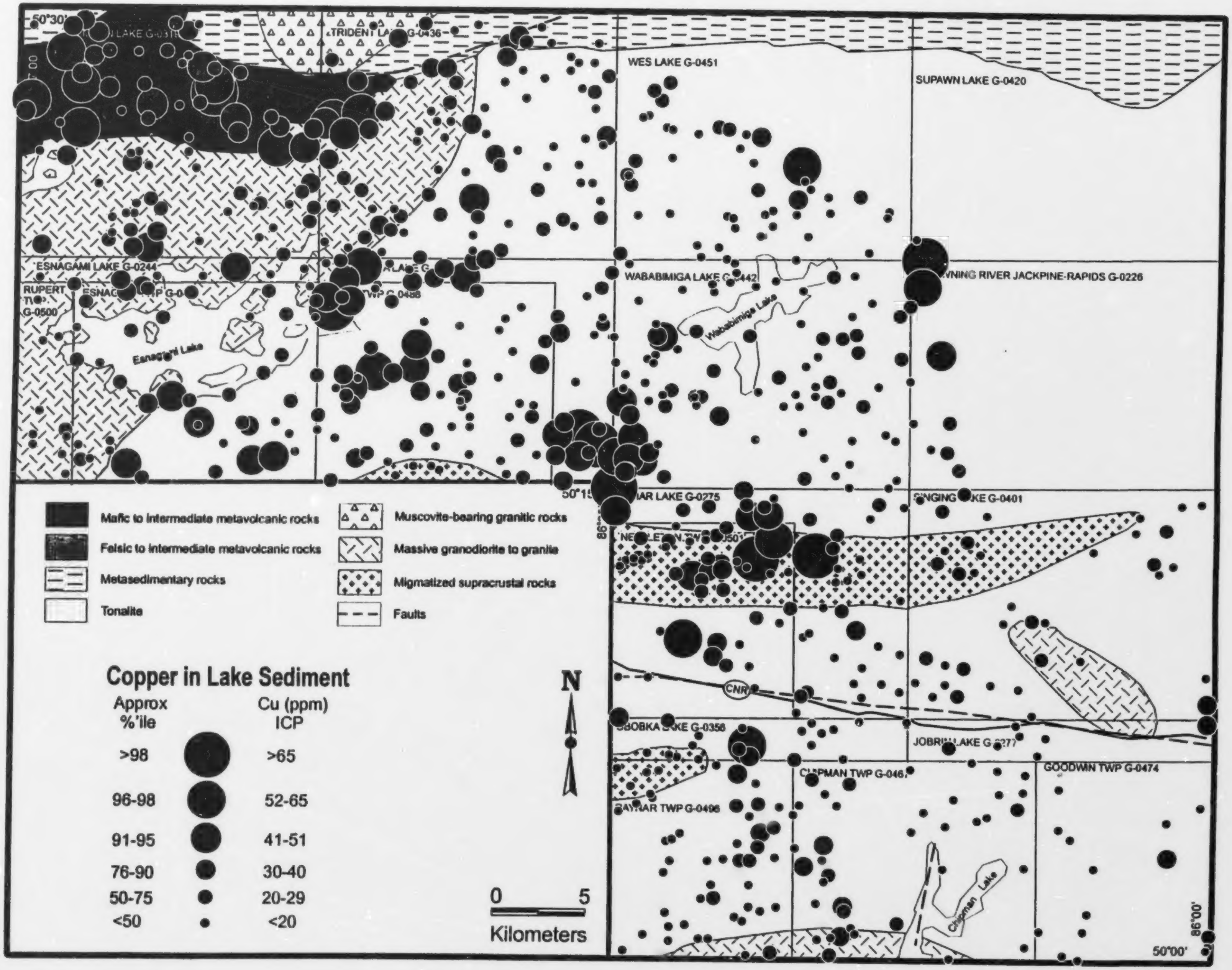

Chromium in Lake Sediment
Approx %'ile
Cr (ppm) ICP
>99
>60
98-99
53-60
96-98
44-52
91-95
36-43
75-90
25-35
<75
<25
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
ALFRED LAKE G-0189
BURROWS LAKE
GOULET TWP G-0486
BICKLE TWP G-0478
LONGLAC AREA
BAIN TWP G-0492
DALEY TWP G-0482
LUKINTO LAKE
O'MEARA TWP G-0498
CHIPMAN TWP
Chipman Lake
GOODWIN TWP G-0474
CASTLEBAR LAKE G-0220
LAPONEN LAKE
PAGWACHUAN LAKE G-0368
Pagwachuan Lake
CARAMAT LAKE
POUT LAKE G-0382
FIRST 77
Longlac
Long Lake
11
625
CN

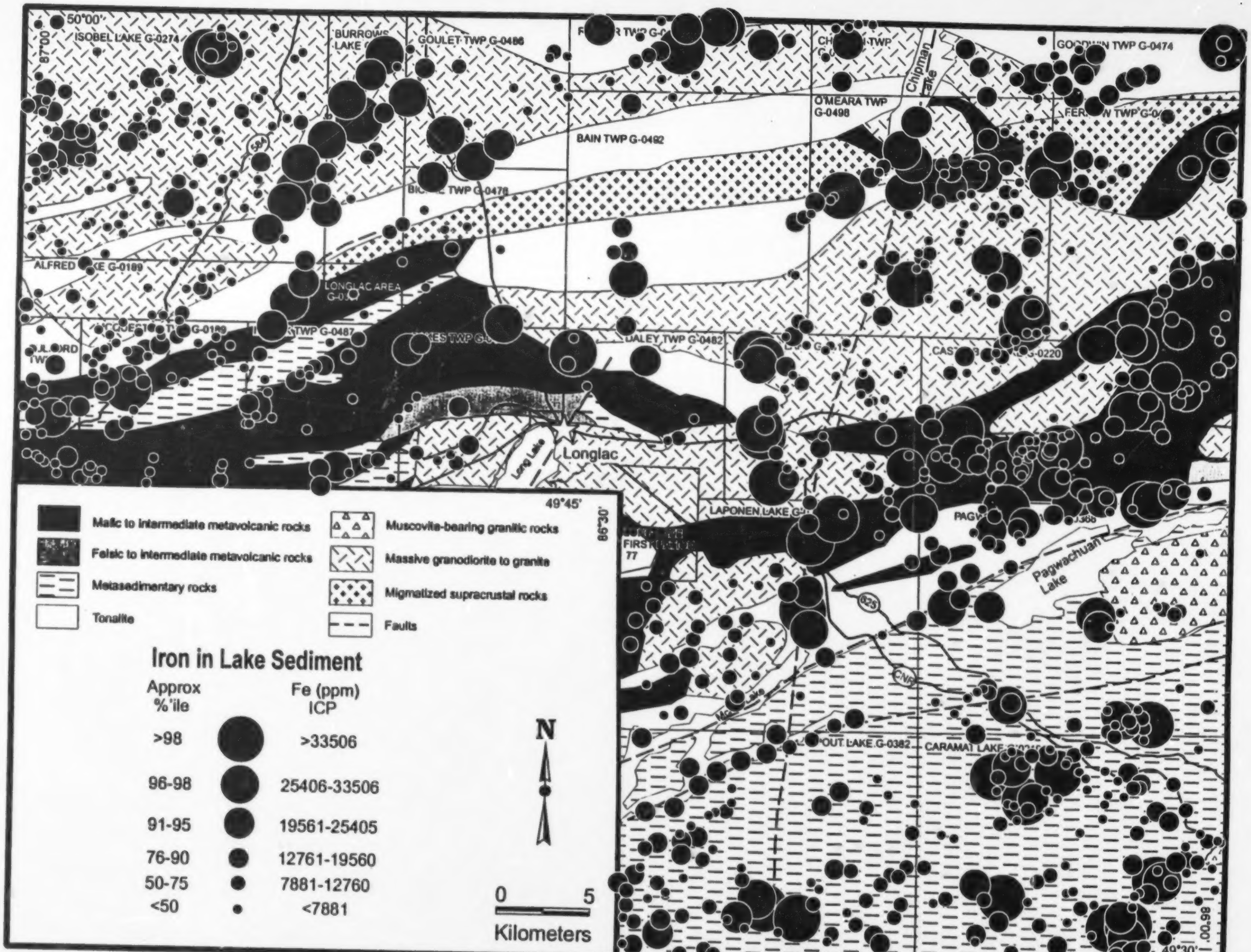
Chromium in Lake Sediment
Approx %'ile
Cr (ppm) ICP
>99
>60
98-99
53-60
96-98
44-52
91-95
36-43
75-90
25-35
<75
<25
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-235
PICKNELL LAKE G-205
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-333
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR
49°30'

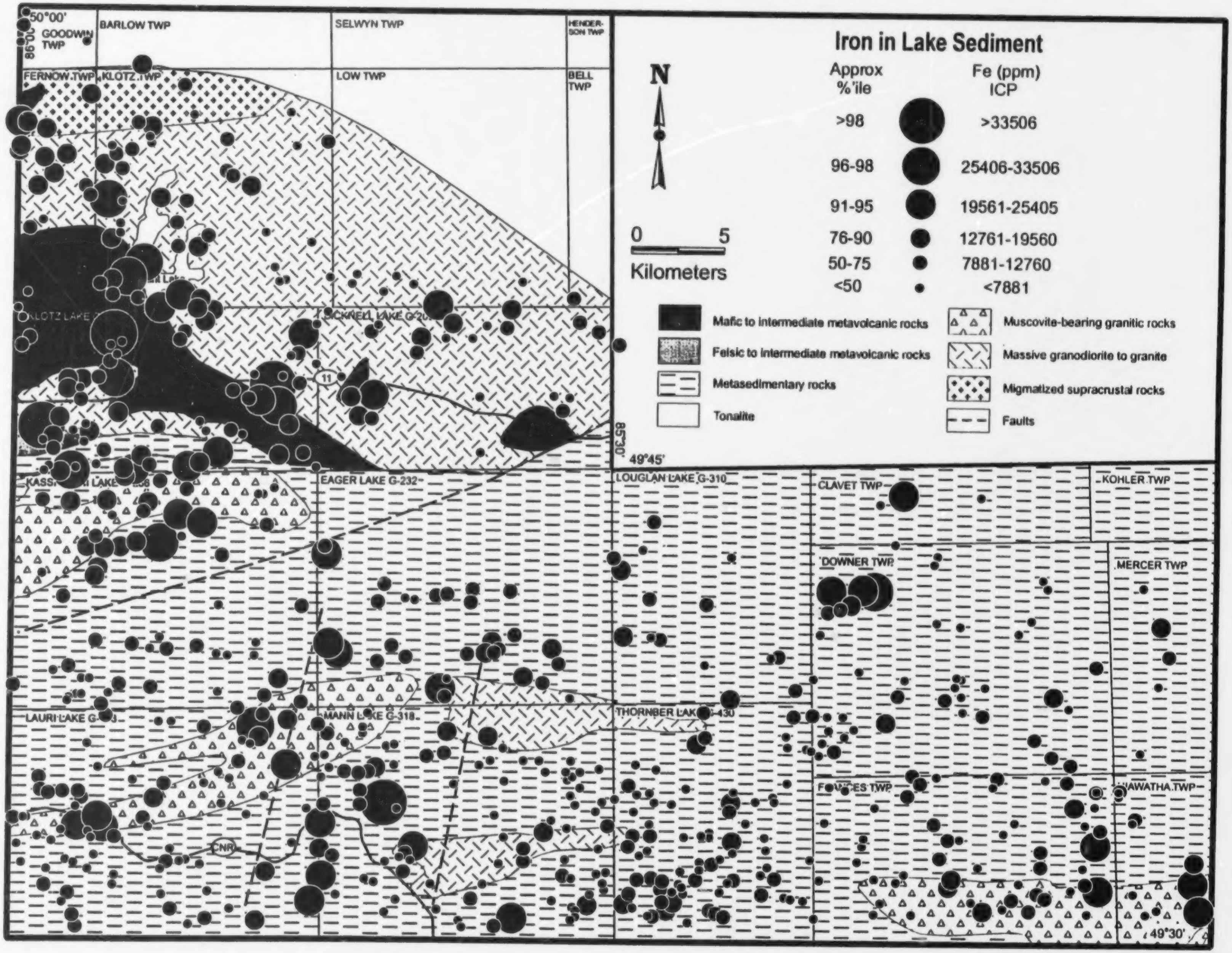

Chromium in Lake Sediment
Approx %'ile
Cr (ppm) ICP
>99
>60
98-99
53-60
96-98
44-52
91-95
36-43
75-90
25-35
<75
<25
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
30'
87 00
50°15'
86°30'
50°00'
86°00'
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
RUPERT TWP G-0500
Esnagami Lake
WABABIMIGA LAKE
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
JEMAR LAKE G-0275
OBOBKA LAKE
JOBRIN LAKE
GOODWIN TWP G-0474
CNR
Chipman Lake

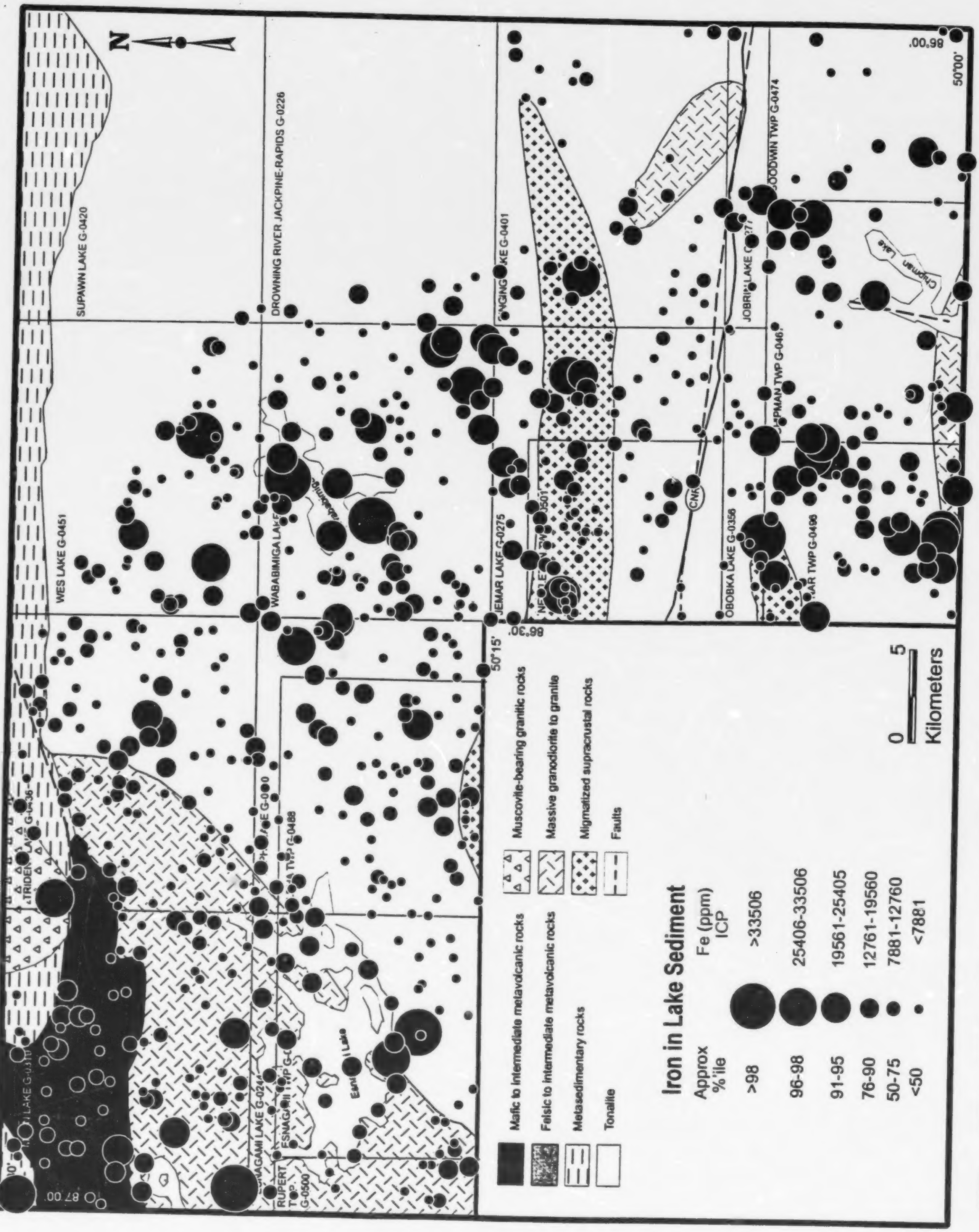

Copper in Lake Sediment
Approx %'ile
Cu (ppm) ICP
>98 >65
96-98 52-65
91-95 41-51
76-90 30-40
50-75 20-29
<50 <20
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0 5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
RAYNAR TWP G-0496
CHIPMAN TWP G-0467
O'MEARA TWP G-0498
GOODWIN TWP G-0474
FERNOW TWP G-04
BICKLE TWP G-0478
BAIN TWP G-0492
ALFRED LAKE G-0189
LONGLAC AREA G-0
HOUCK TWP G-0487
EAKES TWP G-0488
DALEY TWP G-0482
LUKINTO LAKE G-
CASTLEBAR
LAPONEN LAKE G-0
PAGWASHUAN LAKE G-0366
CARAMAT LAKE
TROUT LAKE G-0382
FIRST
Longlac
Long Lake
Chipman Lake
Burrows Lake
Pagwachuan Lake
CNR
11
625

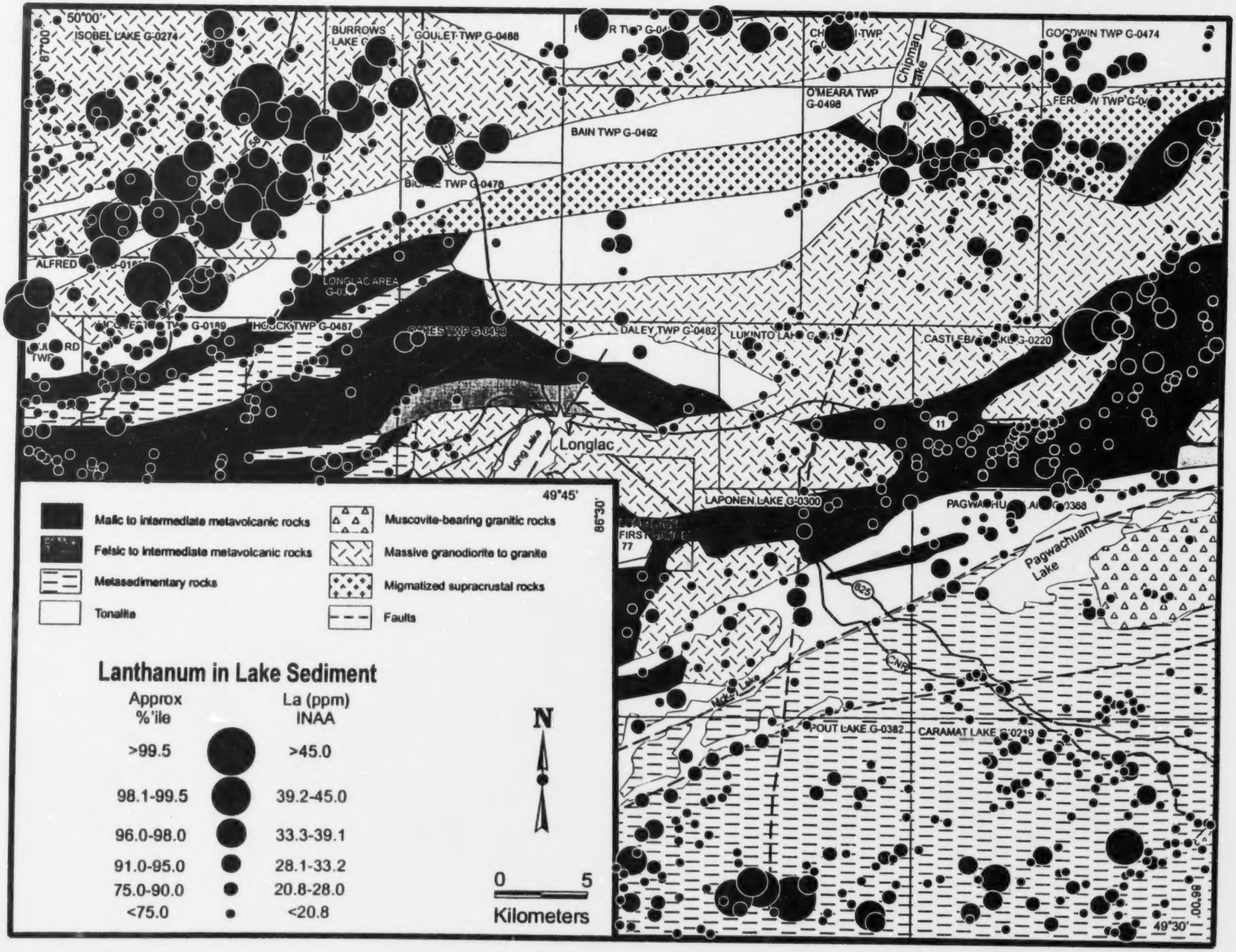

Copper in Lake Sediment
Approx %'ile
Cu (ppm) ICP
>98
>65
96-98
52-65
91-95
41-51
76-90
30-40
50-75
20-29
<50
<20
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-295
LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-353
G-318
THORNBER LAKE G-430
ES TWP
HIAWATHA TWP
CNR
49°30'

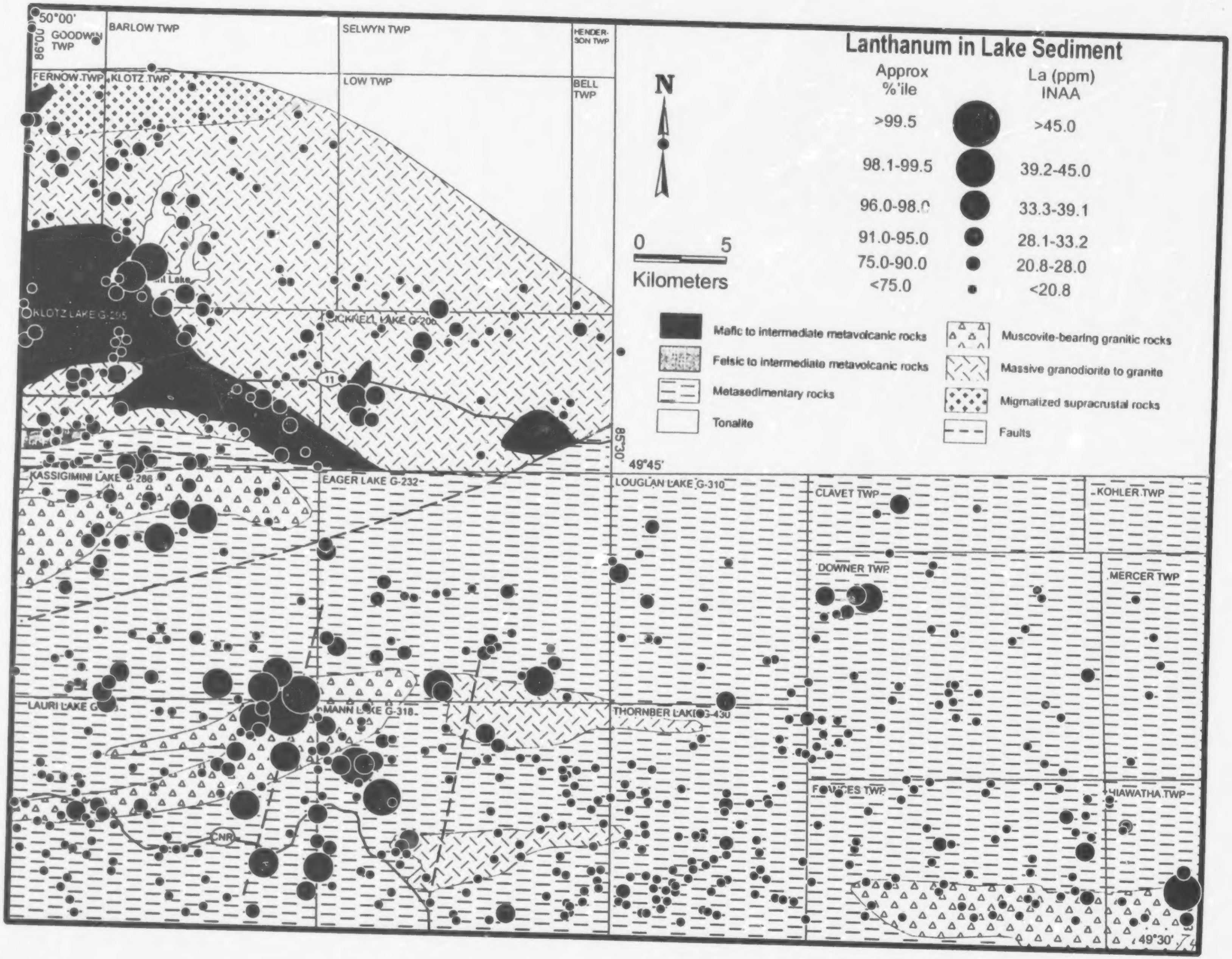

50°30'
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
RUPERT TWP G-0500
TWP G-0488
Esnagami Lake
WABABIMIGA LAKE G-0442
Wababimiga Lake
RIVER JACKPINE-RAPIDS G-0226
50°15'
86°
LAKE G-0275
SINGING LAKE G-0401
CNR
LAKE G-0356
JOBRIN LAKE G-0277
CHAPMAN TWP G-0467
GOODWIN TWP G-0474
TWP G-0496
Chapman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Copper in Lake Sediment
Approx %'ile
Cu (ppm) ICP
>98
>65
96-98
52-65
91-95
41-51
76-90
30-40
50-75
20-29
<50
<20
N
0
5
Kilometers

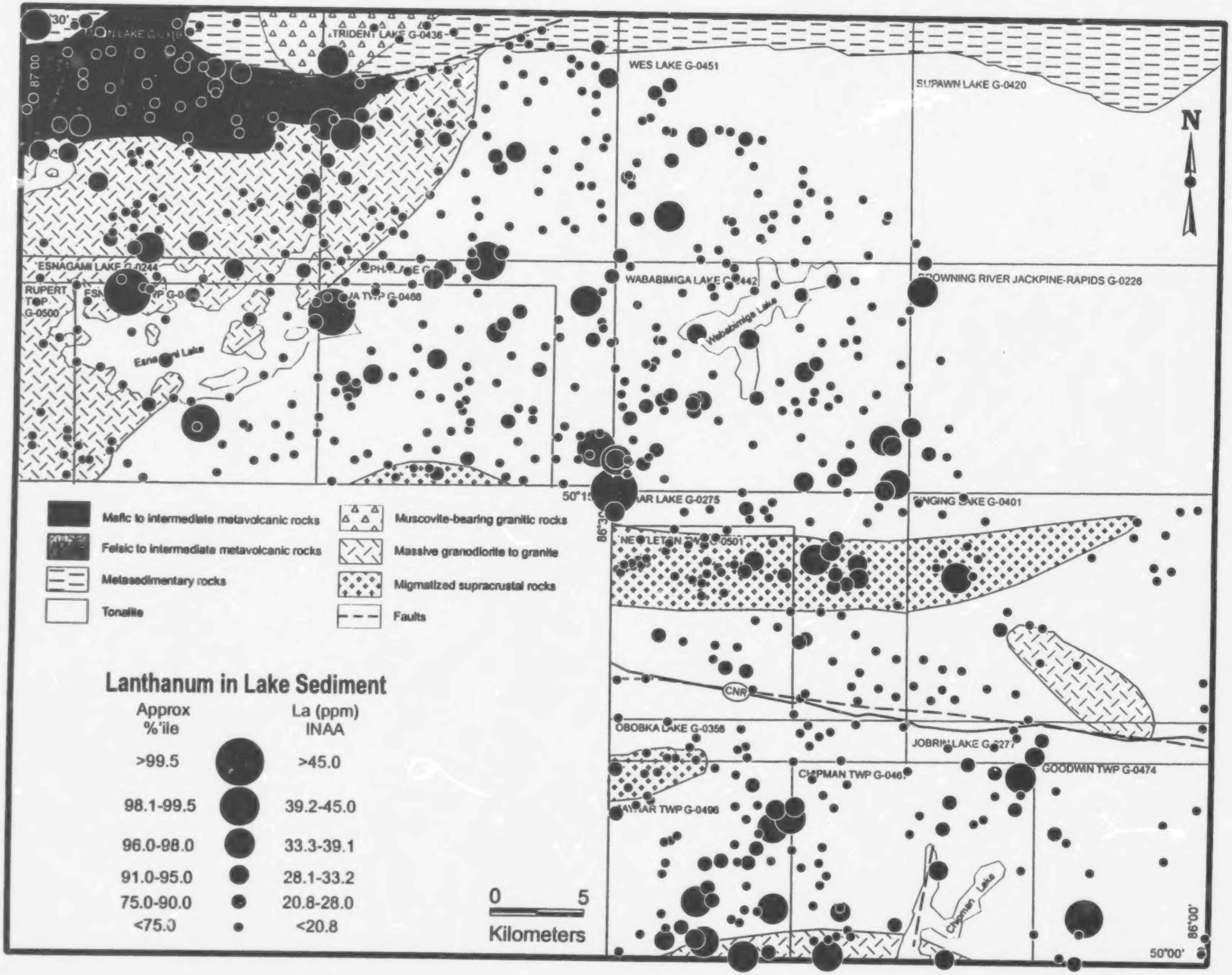
50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE
GOULET TWP G-0486
CHIPMAN TWP
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0498
FERGUSON TWP
BAIN TWP G-0492
BICKLE TWP G-0478
ALFRED LAKE G-0189
LONGLAC AREA
TWP G-0487
DALEY TWP G-0482
CASTLE
G-0220
Long Lake
Longlac
LAPONEN LAKE
FIRST
77
PAGW
Pagwachuan Lake
625
CNR
OUT LAKE G-0382
CARAMAT LAKE
49°45'
86°30'
86°00'
49°30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Iron in Lake Sediment
Approx %'ile
Fe (ppm) ICP
>98
>33506
96-98
25406-33506
91-95
19561-25405
76-90
12761-19560
50-75
7881-12760
<50
<7881
N
0
5
Kilometers

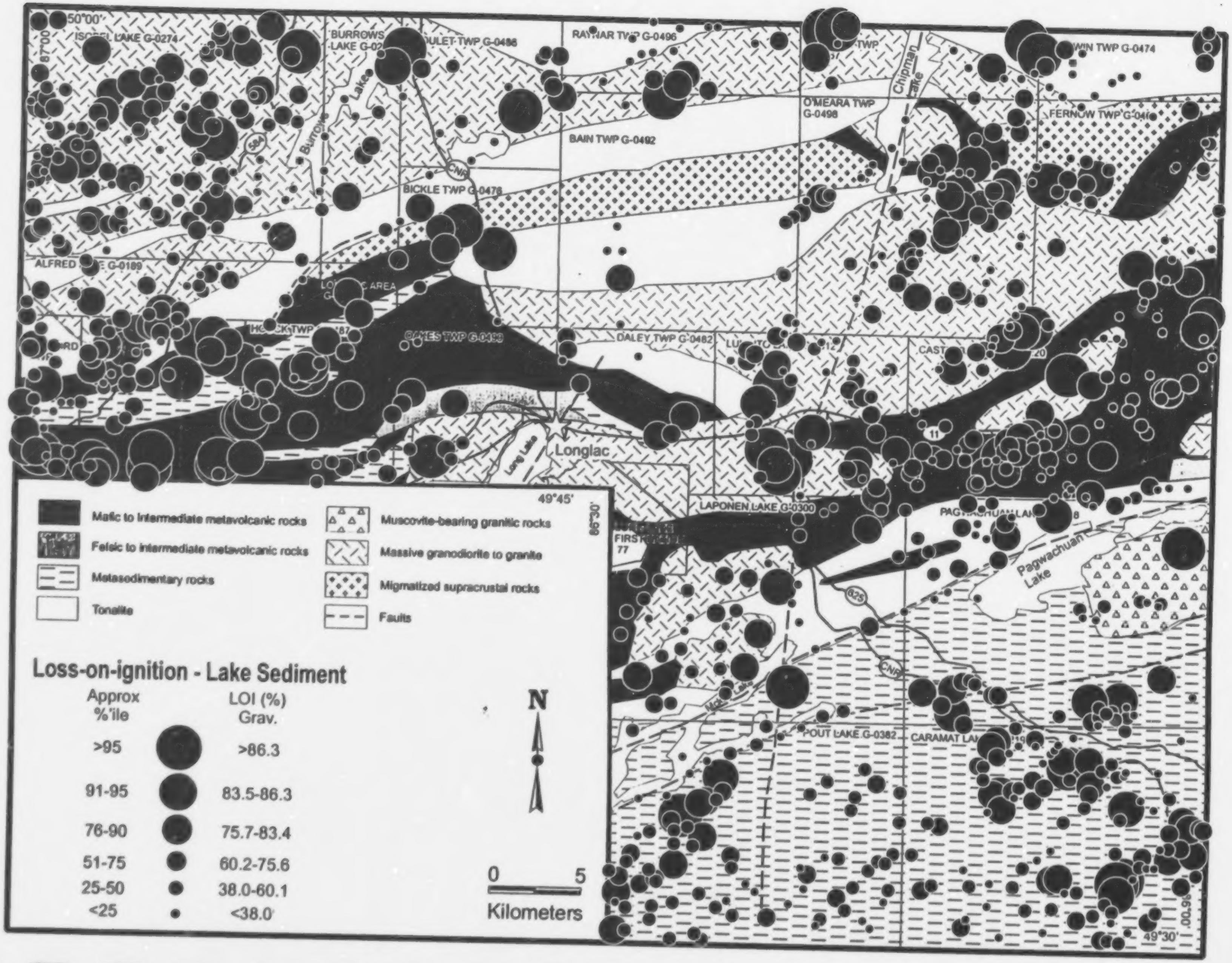

Iron in Lake Sediment
Approx %'ile
Fe (ppm) ICP
>98
>33506
96-98
25406-33506
91-95
19561-25405
76-90
12761-19560
50-75
7881-12760
<50
<7881
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE
LOCKNELL LAKE G-20
11
85°30'
49°45'
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR
49°30'

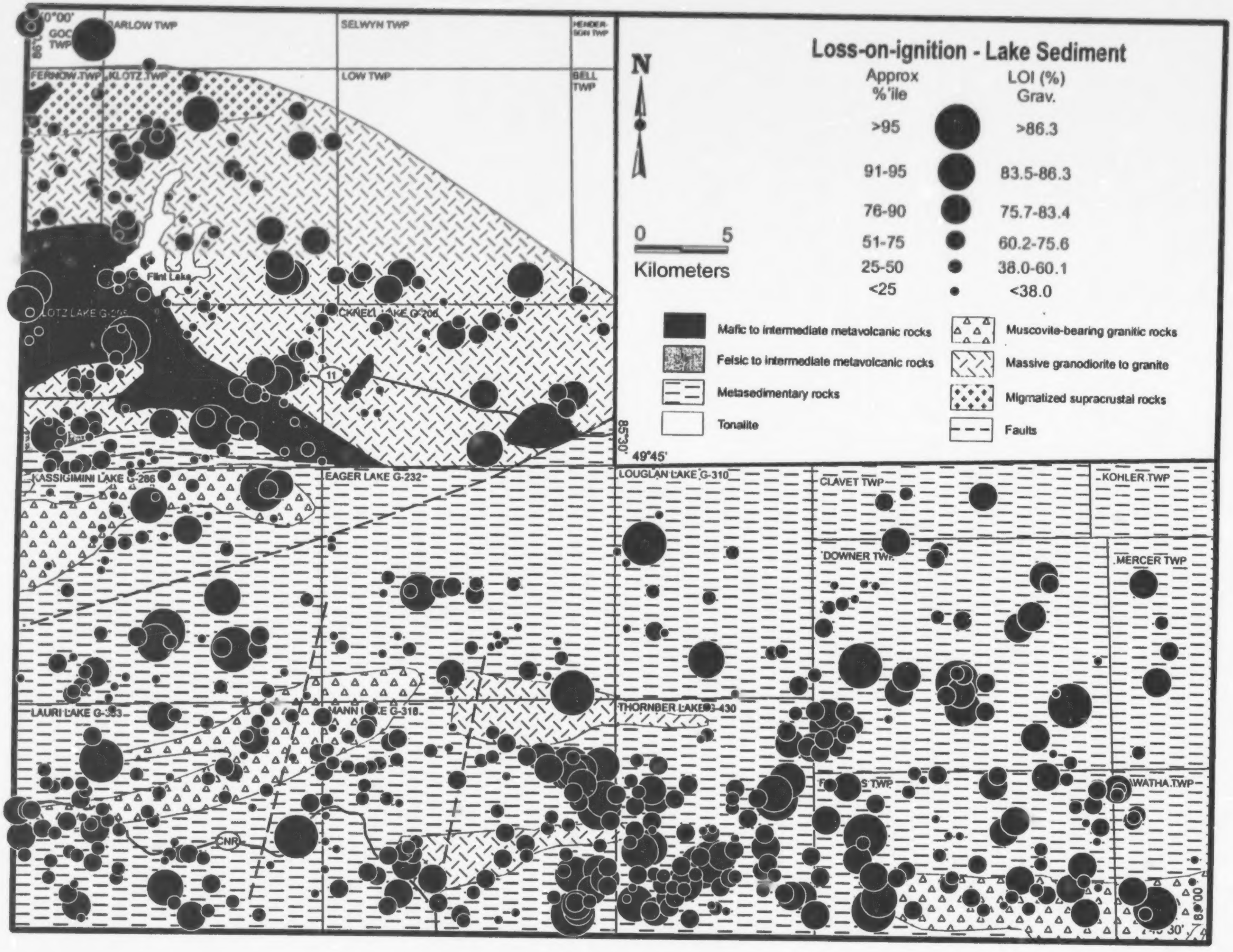

Iron in Lake Sediment
Approx %'ile
Fe (ppm) ICP
>98 >33506
96-98 25406-33506
91-95 19561-25405
76-90 12761-19560
50-75 7881-12760
<50 <7881
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0 5
Kilometers
N
SUPAWN LAKE G-0420
DROWNING RIVER JACKPINE-RAPIDS G-0226
WES LAKE G-0451
WABABIMIGA LAKE
JEMAR LAKE G-0275
OBOBKA LAKE G-0356
GOODWIN TWP G-0474
Chipman Lake
CNR
RUPERT TWP. G-0500
ESNAGAMI LAKE
50°15'
86°30'
87°00'
86°00'
50°00'

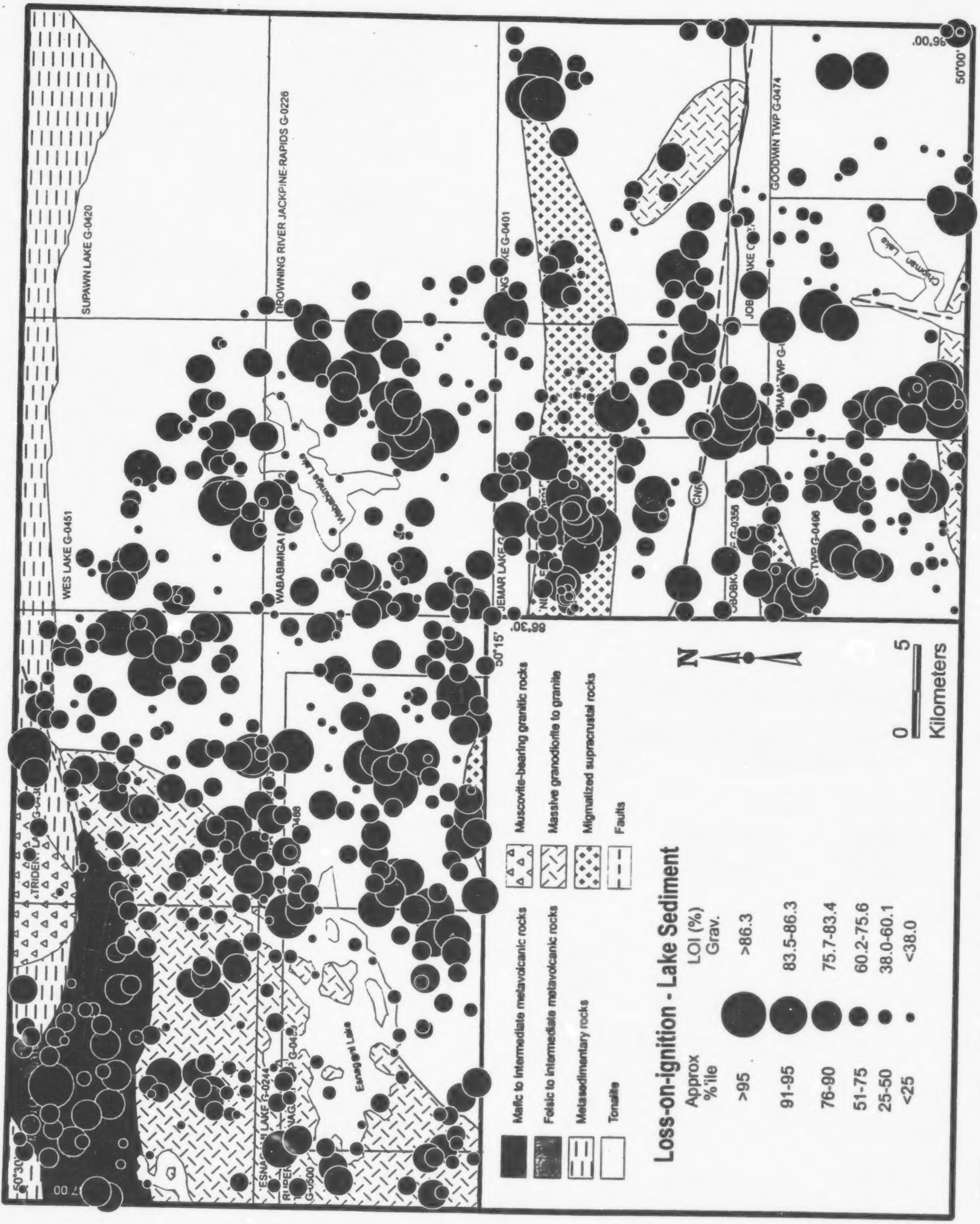

50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE
GOULET TWP G-0488
CHIPMAN TWP
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0498
BAIN TWP G-0492
BICKLE TWP G-0476
ALFRED
LONGLAC AREA
HOOCK TWP G-0487
OAKES TWP G-0490
DALEY TWP G-0482
LUKINTO LAKE
CASTLEBAR LAKE G-0220
Longlac
Long Lake
11
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0368
Pagwachuan Lake
FIRST
77
625
CNR
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°45'
86°30'
49°30'
86°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Lanthanum in Lake Sediment
Approx %'ile
La (ppm) INAA
>99.5
>45.0
98.1-99.5
39.2-45.0
96.0-98.0
33.3-39.1
91.0-95.0
28.1-33.2
75.0-90.0
20.8-28.0
<75.0
<20.8
N
0
5
Kilometers

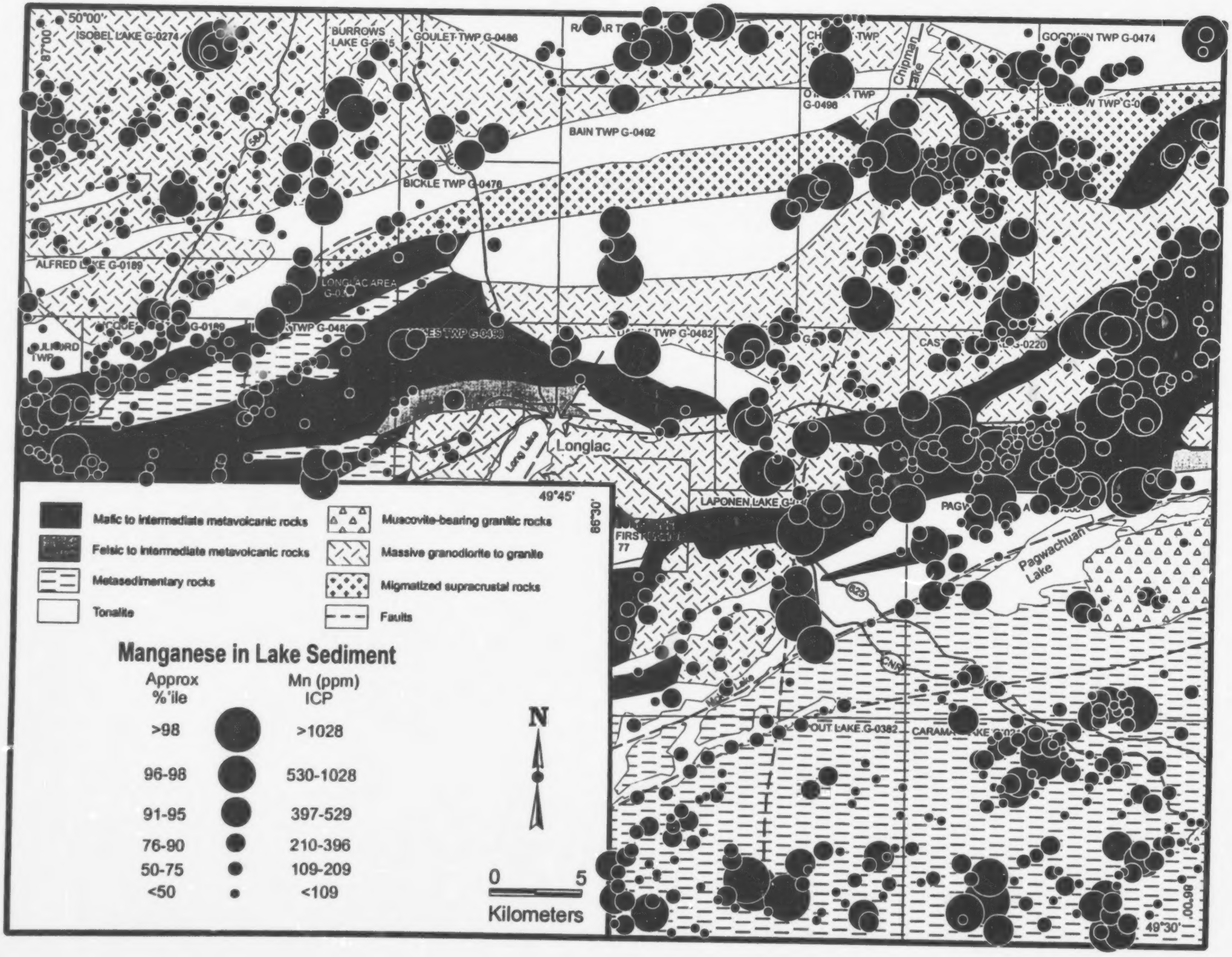

Lanthanum in Lake Sediment
Approx %'ile
La (ppm) INAA
>99.5 >45.0
98.1-99.5 39.2-45.0
96.0-98.0 33.3-39.1
91.0-95.0 28.1-33.2
75.0-90.0 20.8-28.0
<75.0 <20.8
N
0 5 Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-295
SICKNELL LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G
MANN LAKE G-318
THORNBER LAKE G-430
FOWKES TWP
HIAWATHA TWP
CNR
49°30'

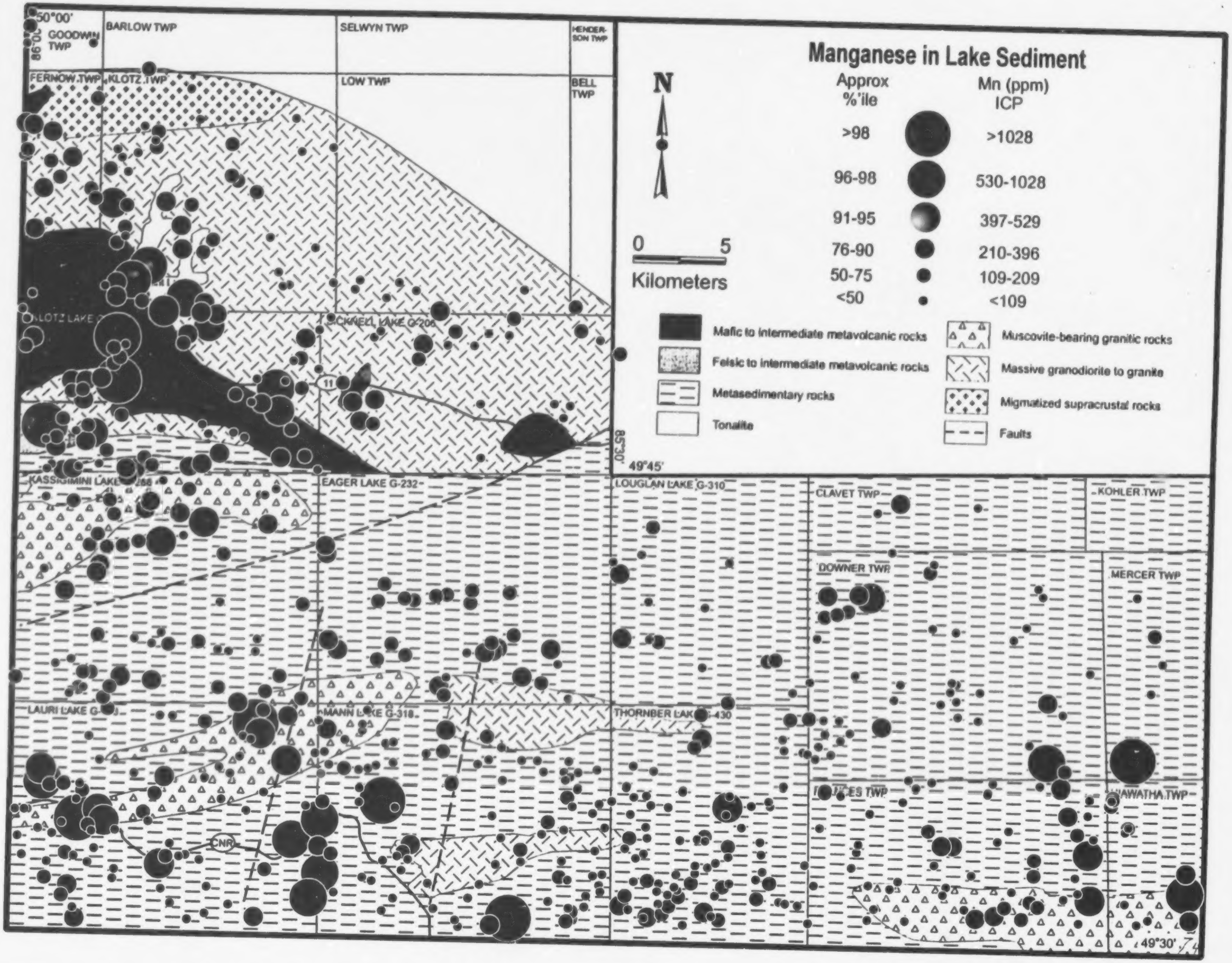
Lanthanum in Lake Sediment
Approx %'ile
La (ppm) INAA
>99.5
>45.0
98.1-99.5
39.2-45.0
96.0-98.0
33.3-39.1
91.0-95.0
28.1-33.2
75.0-90.0
20.8-28.0
<75.0
<20.8
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0
5
Kilometers
N
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
RUPERT TWP G-0500
WA TWP G-0488
WABABIMIGA LAKE G-0442
Wababimiga Lake
BROWNING RIVER JACKPINE-RAPIDS G-0226
Esnagami Lake
SINGING LAKE G-0401
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
CHIPMAN TWP G-0467
Chipman Lake
CNR
30'
87'00
50°15'
86°30'
86°00'
50°00'

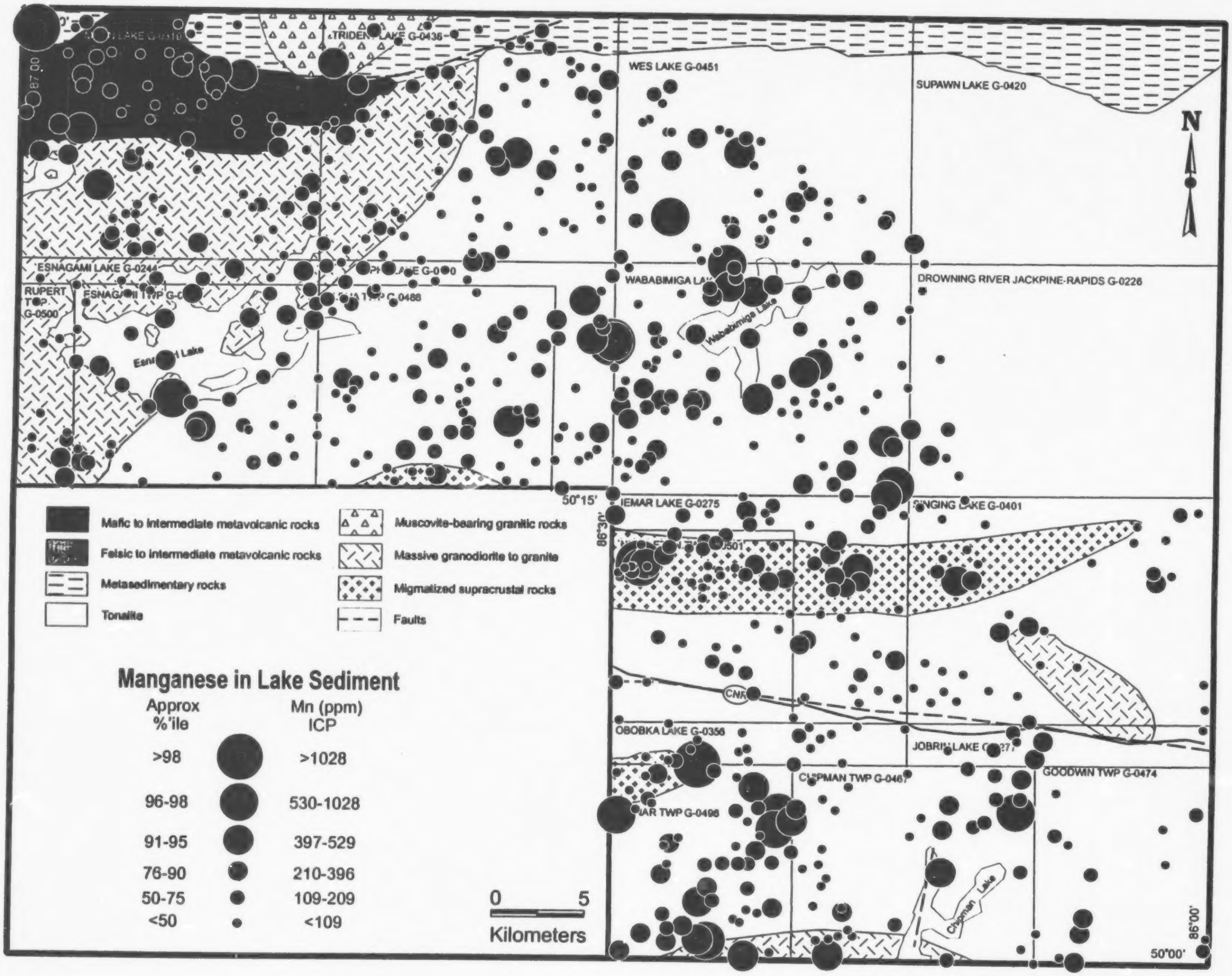

Loss-on-ignition - Lake Sediment
Approx %'ile
LOI (%) Grav.
>95
>86.3
91-95
83.5-86.3
76-90
75.7-83.4
51-75
60.2-75.6
25-50
38.0-60.1
<25
<38.0
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
BURROWS LAKE G-02
OULET TWP G-0486
RATHAR TWP G-0496
O'MEARA TWP G-0498
FERNOW TWP G-041
WIN TWP G-0474
BAIN TWP G-0492
BICKLE TWP G-0478
ALFRED G-0189
OAKES TWP G-0493
DALEY TWP G-0482
LAPONEN LAKE G-0300
PAGWACHUAN LAK
Pagwachuan Lake
POUT LAKE G-0382
CARAMAT LA
Chipman Lake
Burrows Lake
Long Lake
Longlac
CNR
11
625
584
FIRST
77

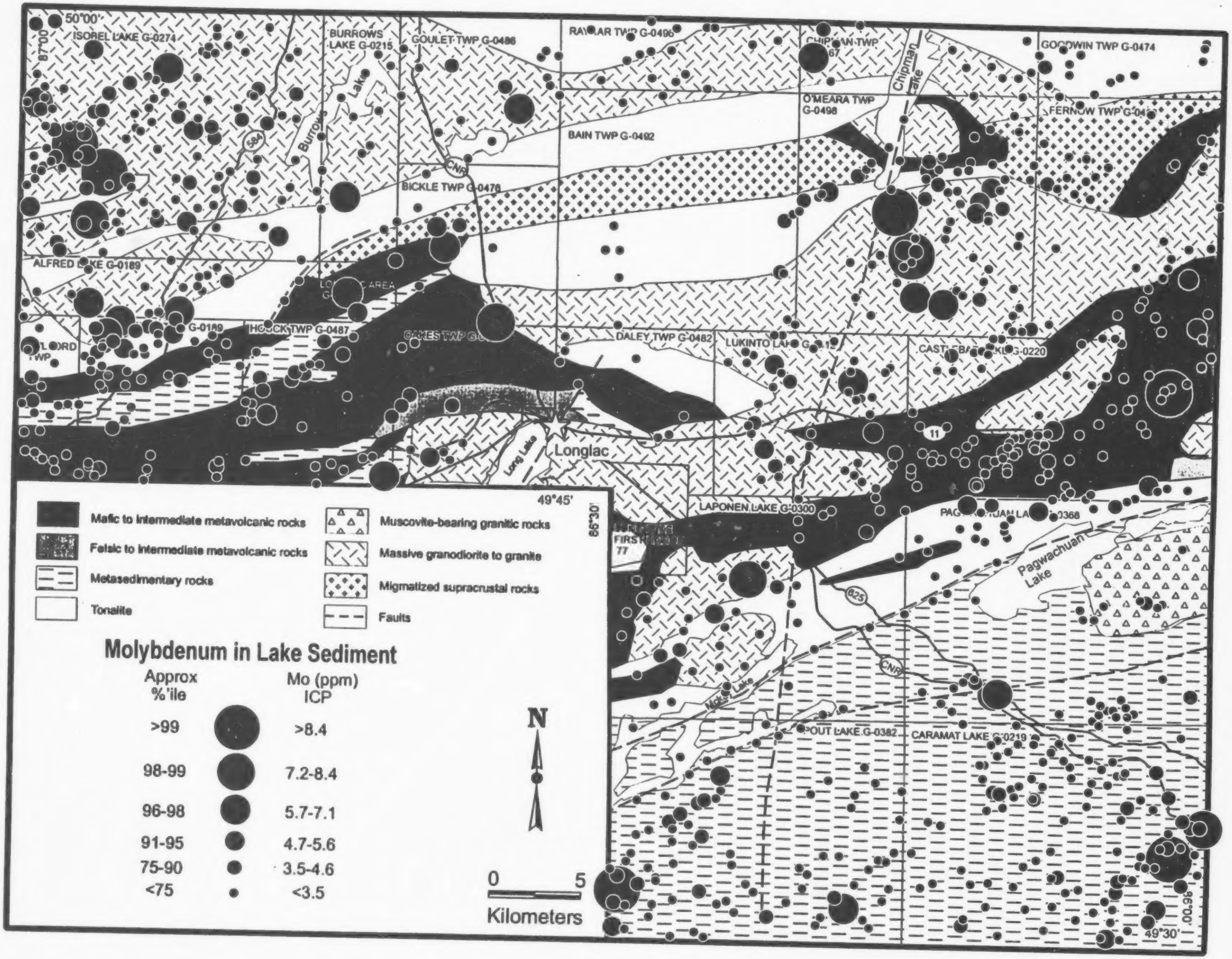

Loss-on-ignition - Lake Sediment
Approx %'ile
LOI (%) Grav.
>95
>86.3
91-95
83.5-86.3
76-90
75.7-83.4
51-75
60.2-75.6
25-50
38.0-60.1
<25
<38.0
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0°00'
GOC TWP
ARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
LOTZ LAKE G-205
CKNELL LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-353
MANN LAKE G-318
THORNBER LAKE G-430
S TWP
WATHA TWP
CNR
30'
86°00'

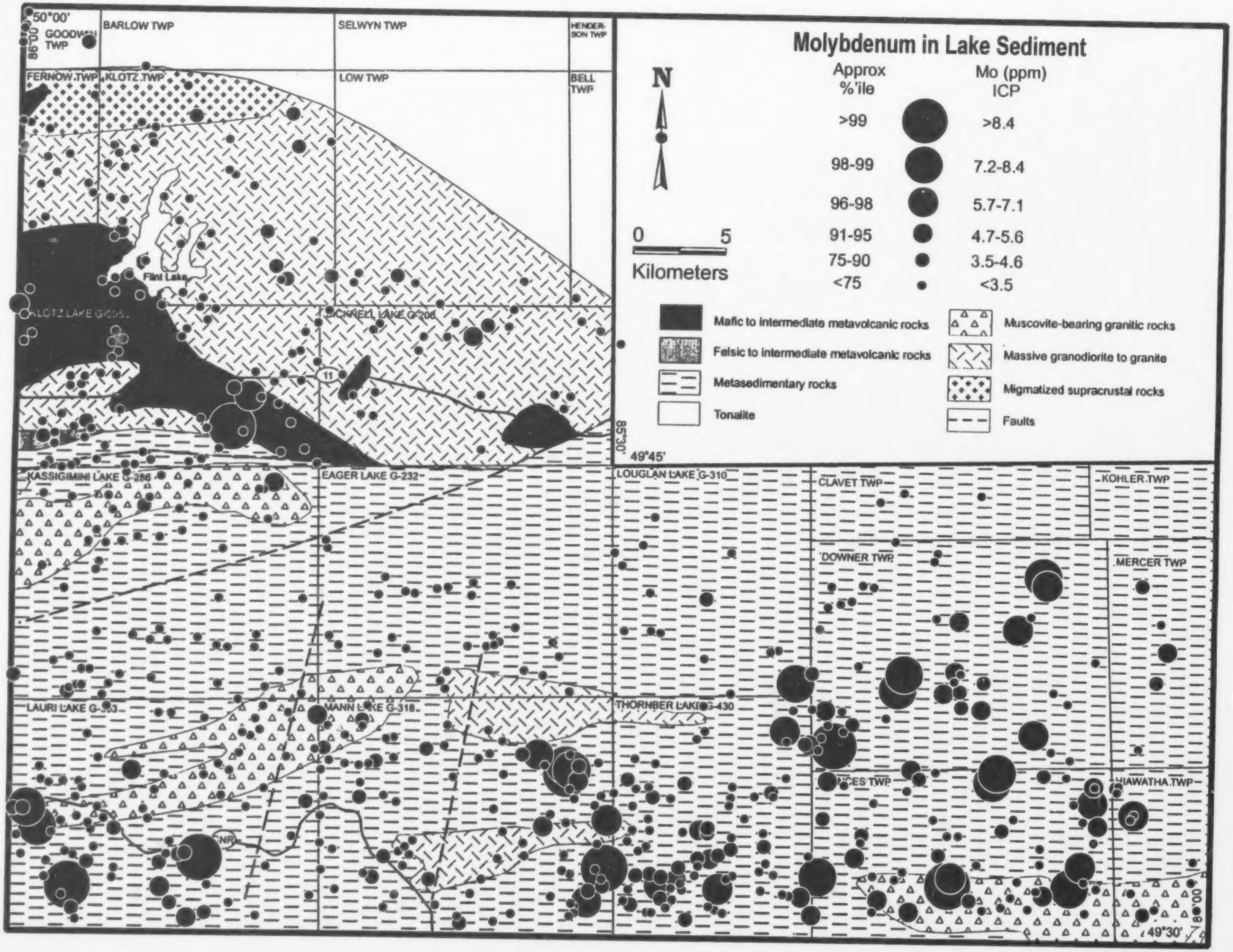

Loss-on-ignition - Lake Sediment
Approx %ile
LOI (%) Grav.
>95 >86.3
91-95 83.5-86.3
76-90 75.7-83.4
51-75 60.2-75.6
25-50 38.0-60.1
<25 <38.0
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0 5
Kilometers
SUPAWN LAKE G-0420
DROWNING RIVER JACKPINE-RAPIDS G-0226
WES LAKE G-0451
WABABIMIGA L
Wababimiga Lake
JEMAR LAKE G
GOODWIN TWP G-0474
Chipman Lake
CNR
ESNAGAMI LAKE G-0244
Esnagami Lake
G-0500
TRIDENT L
50°30'
87°00'
50°15'
86°30'
86°00'
50°00'

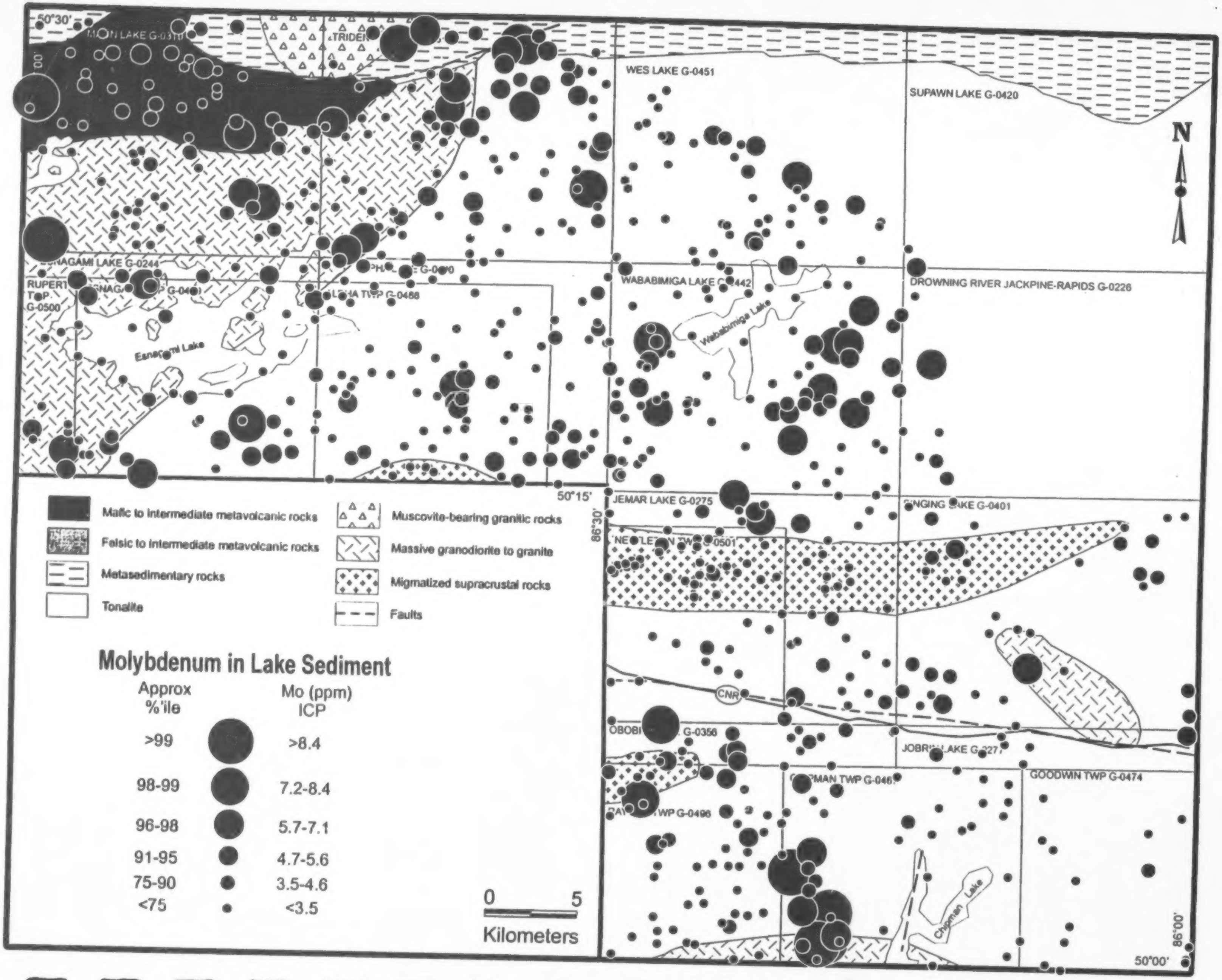

Manganese in Lake Sediment
Approx %'ile
Mn (ppm) ICP
>98 — >1028
96-98 — 530-1028
91-95 — 397-529
76-90 — 210-396
50-75 — 109-209
<50 — <109
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
49°30'
86°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-
GOULET TWP G-0486
BAIN TWP G-0492
BICKLE TWP G-0476
GOODWIN TWP G-0474
Chipman Lake
G-0498
ALFRED LAKE G-0189
LONGLAC AREA
TWP G-0482
CAS
G-0220
Longlac
Long Lake
LAPONEN LAKE G-
FIRST
77
Pagwachuan Lake
625
CNR
OUT LAKE G-0382
CARAM
GUILFORD TWP

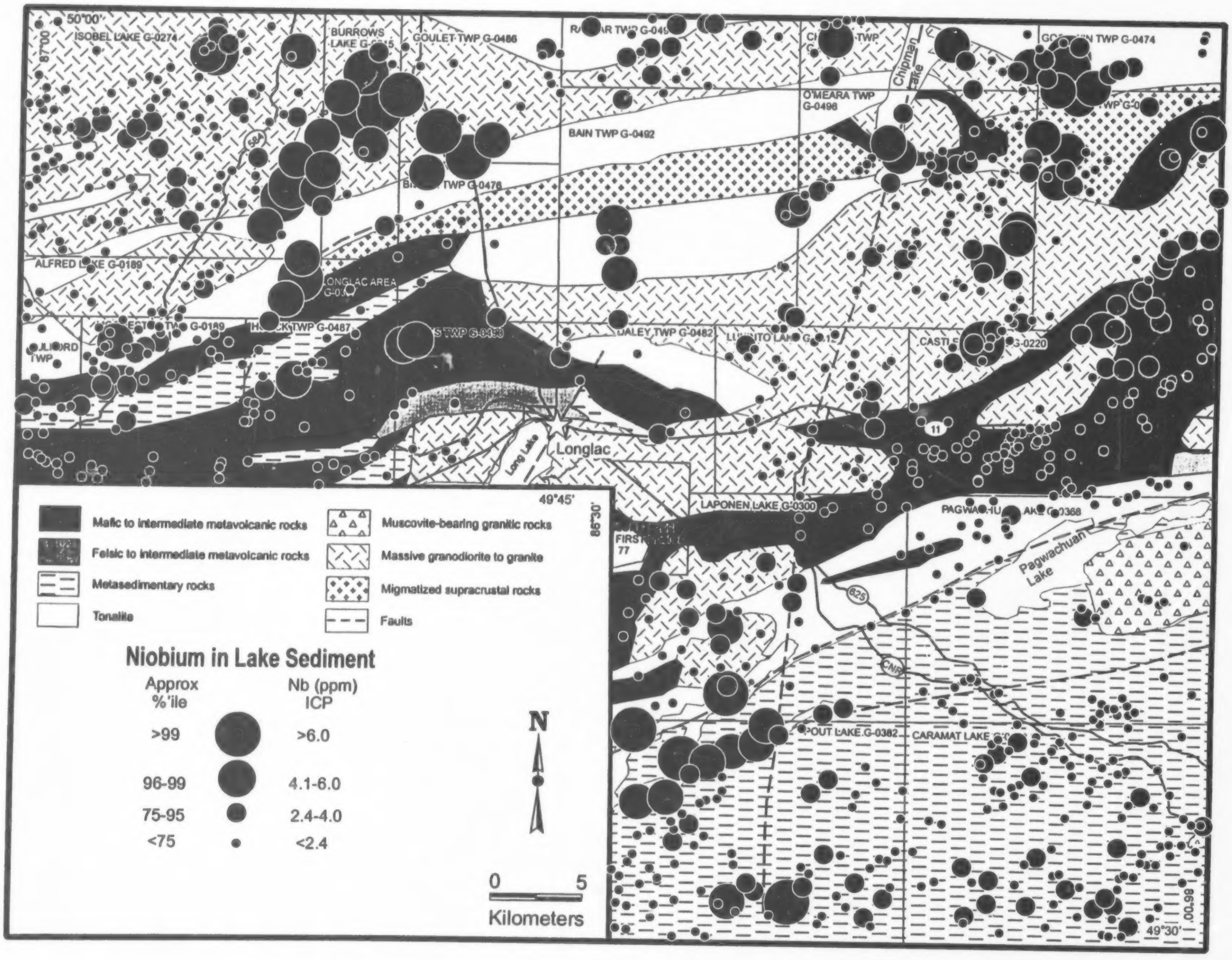

Manganese in Lake Sediment
N
0 5
Kilometers
Approx %'ile
Mn (ppm) ICP
>98 >1028
96-98 530-1028
91-95 397-529
76-90 210-396
50-75 109-209
<50 <109
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
49°45'
85°30'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE
PICKNELL LAKE G-206
11
KASSIGIMINI LAKE
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE
MANN LAKE G-318
THORNBER LAKE 430
HIAWATHA TWP
CNR


TRIDEN LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
N
ESNAGAMI LAKE G-0244
RUPERT TP. G-0500
ESNAGAMI TWP
TWP G-0488
WABABIMIGA LA
Wababimiga Lake
DROWNING RIVER JACKPINE-RAPIDS G-0226
Esnagami Lake
87°00'
50°15'
86°30'
IEMAR LAKE G-0275
SINGING LAKE G-0401
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE
GOODWIN TWP G-0474
CHIPMAN TWP G-0467
TWP G-0496
Chipman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Manganese in Lake Sediment
Approx %'ile
Mn (ppm) ICP
>98
>1028
96-98
530-1028
91-95
397-529
76-90
210-396
50-75
109-209
<50
<109
0
5
Kilometers

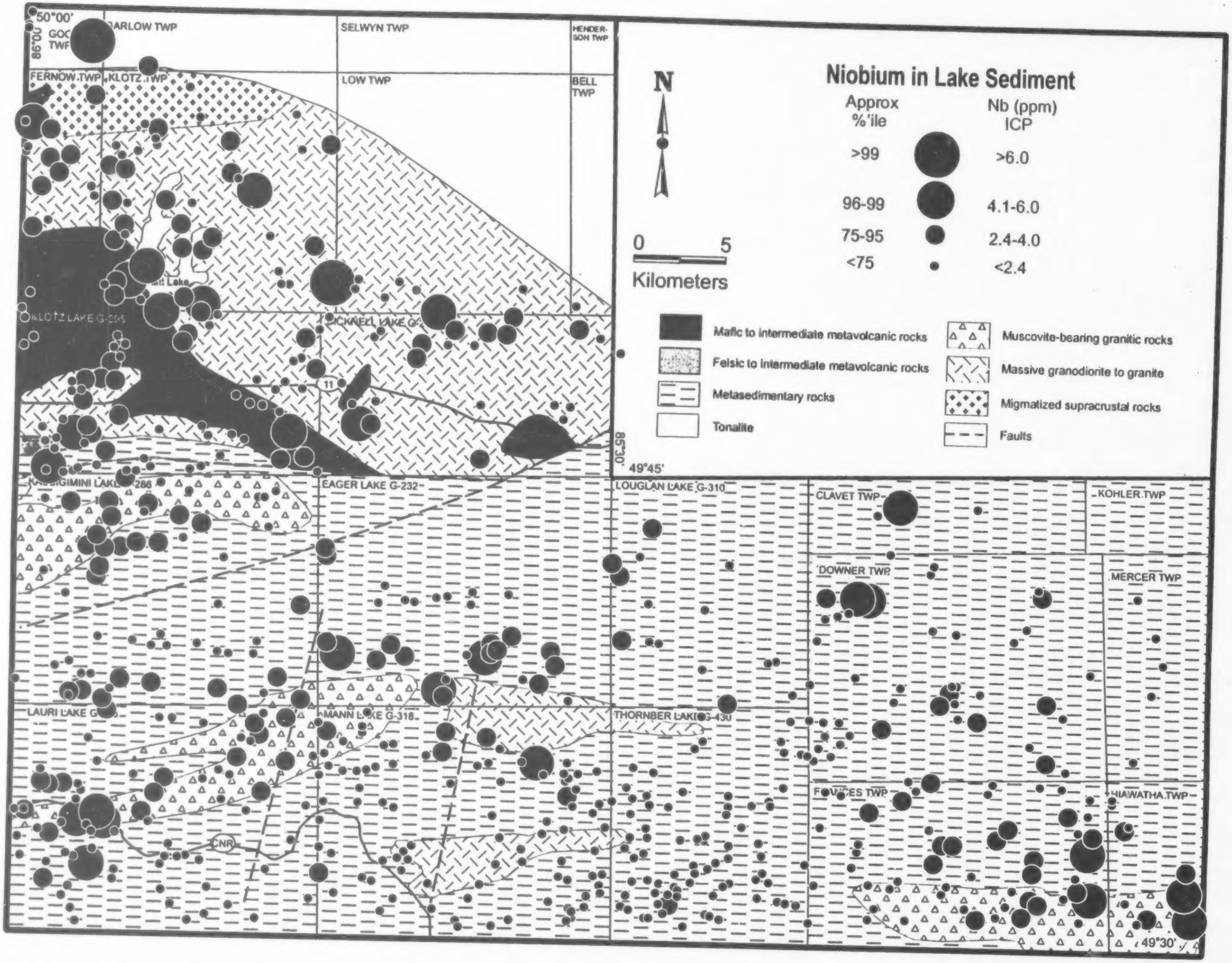

Molybdenum in Lake Sediment
Approx %'ile
Mo (ppm) ICP
>99
>8.4
98-99
7.2-8.4
96-98
5.7-7.1
91-95
4.7-5.6
75-90
3.5-4.6
<75
<3.5
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOREL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
BICKLE TWP G-0476
BAIN TWP G-0492
O'MEARA TWP G-0498
GOODWIN TWP G-0474
ALFRED LAKE G-0189
HOOCK TWP G-0487
DALEY TWP G-0482
LAPONEN LAKE G-0300
OUT LAKE G-0382
CARAMAT LAKE G-0219
Burrows Lake
Chipman Lake
Pagwachuan Lake
Long Lake
Longlac
584
CNR
11
625
FIRST
77

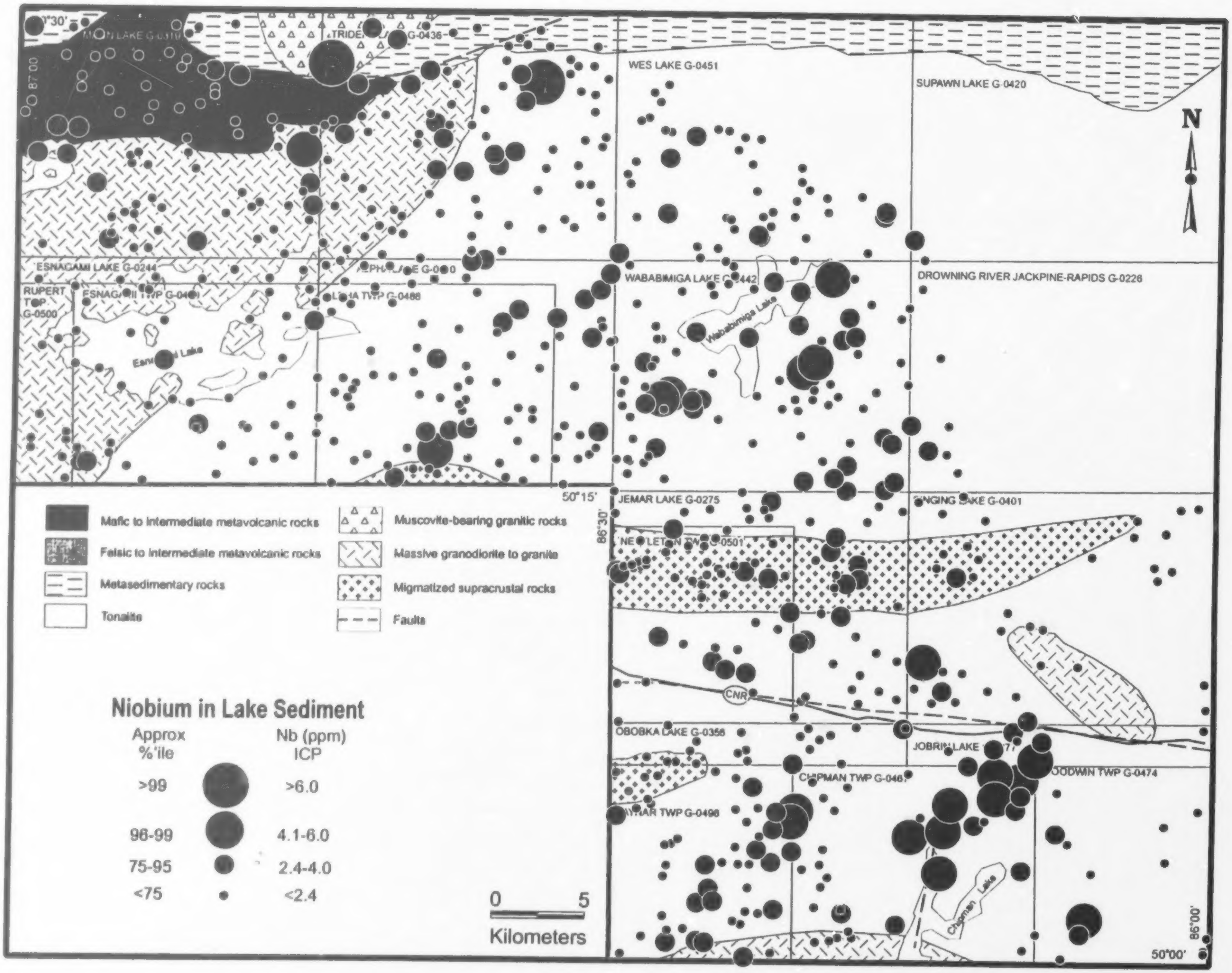

Molybdenum in Lake Sediment
Approx %'ile
Mo (ppm) ICP
>99
>8.4
98-99
7.2-8.4
96-98
5.7-7.1
91-95
4.7-5.6
75-90
3.5-4.6
<75
<3.5
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-255
PICKRELL LAKE G-208
11
85°30'
49°45'
KASSIGIMINI LAKE G-256
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-263
MANN LAKE G-318
THORNBER LAKE G-430
CNR
HIAWATHA TWP
49°30'
86°00'

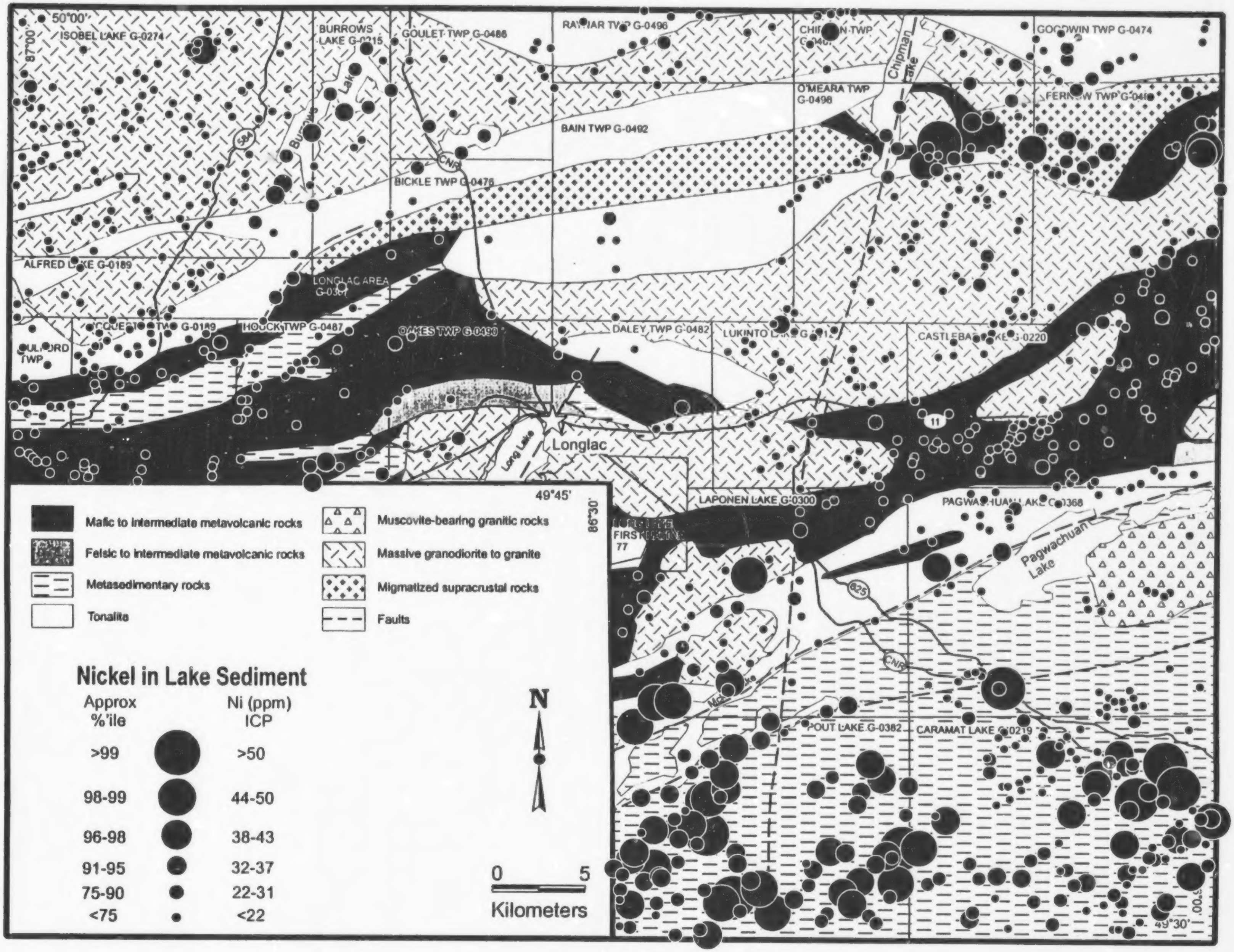

Molybdenum in Lake Sediment
Approx %'ile
Mo (ppm) ICP
>99 — >8.4
98-99 — 7.2-8.4
96-98 — 5.7-7.1
91-95 — 4.7-5.6
75-90 — 3.5-4.6
<75 — <3.5
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0
5
Kilometers
N
50°30'
50°15'
50°00'
86°30'
86°00'
WES LAKE G-0451
SUPAWN LAKE G-0420
DROWNING RIVER JACKPINE-RAPIDS G-0226
WABABIMIGA LAKE G-0442
Wababimiga Lake
JEMAR LAKE G-0275
SINGING LAKE G-0401
G-0356
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
TWP G-0496
Chipman Lake
CNR
RUPERT TWP. G-0500
ESNAGAMI LAKE G-0244
TWP G-0488
TRIDEN
Esnagami Lake
G-0501
G-0310

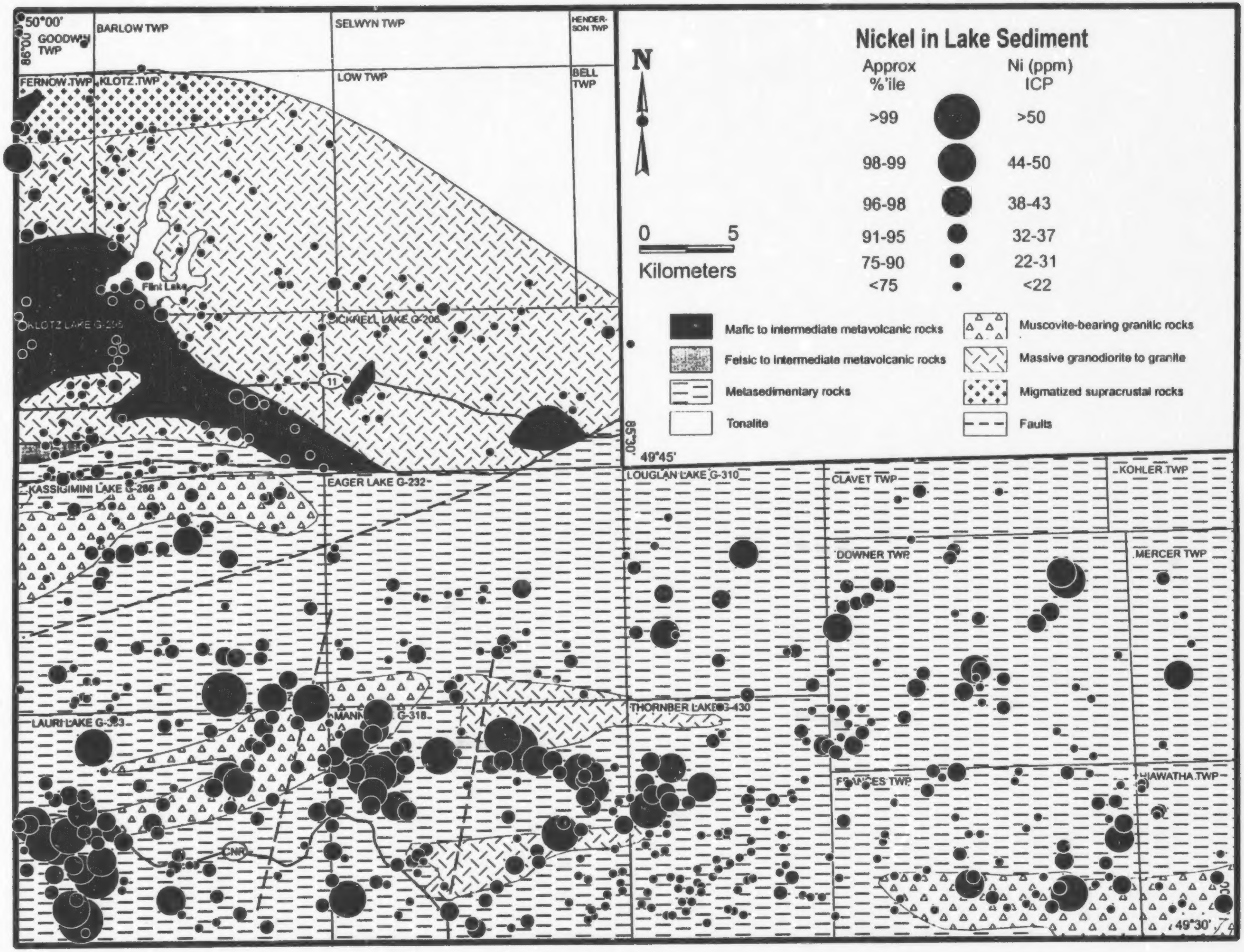


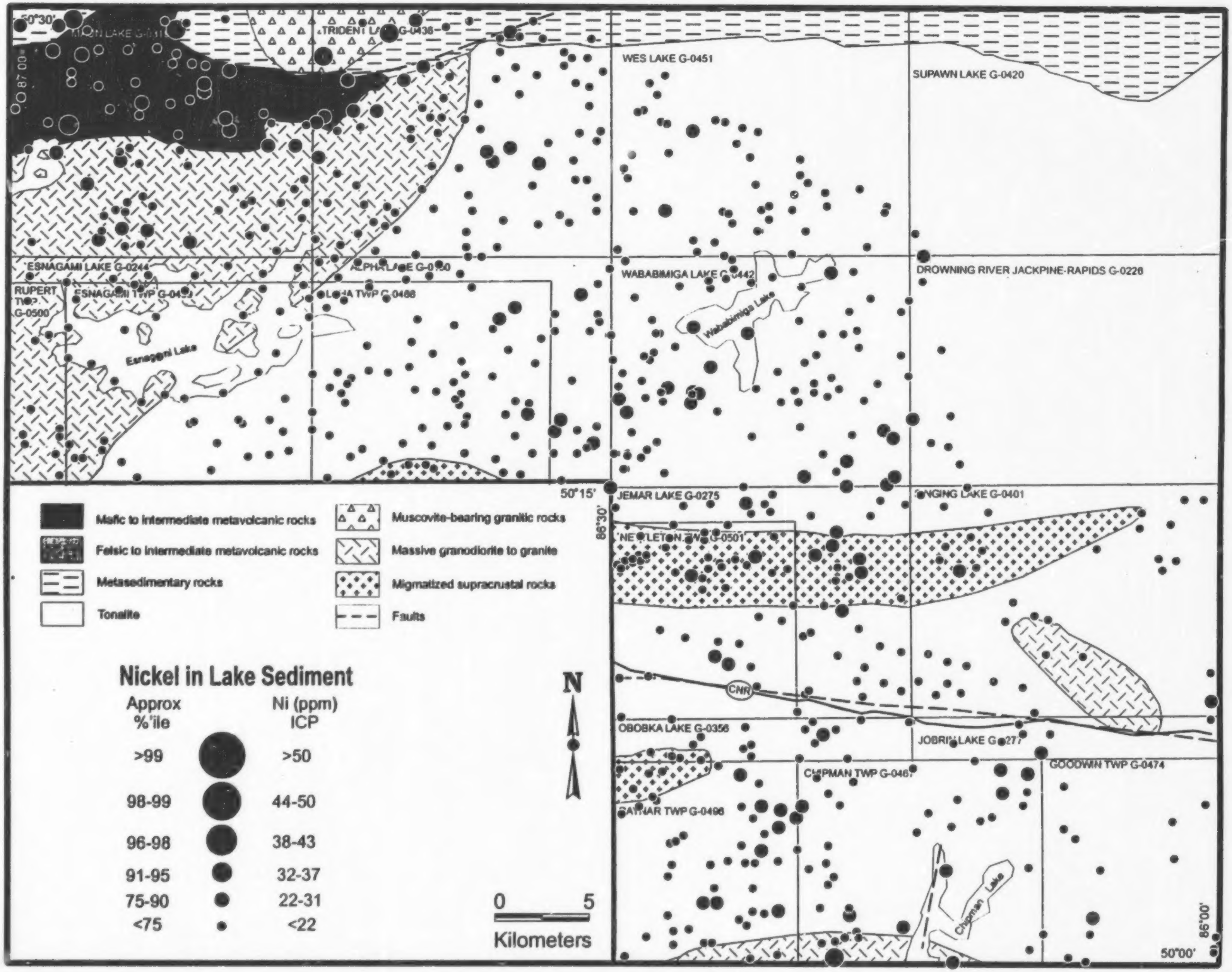
50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0
GOULET TWP G-0486
R AR TWP G-04
TWP
O'MEARA TWP G-0498
Chipman Lake
GO IN TWP G-0474
WP G-0
BAIN TWP G-0492
B TWP G-0476
584
ALFRED LAKE G-0189
LONGLAC AREA G-03
E TWP G-0189
H CK TWP G-0487
S TWP G-0493
ILFORD TWP
DALEY TWP G-0482
LU NTO LAKE G-
CASTL G-0220
11
Long Lake
Longlac
LAPONEN LAKE G-0300
FIRST 77
PAGWACHU AKE G-0368
Pagwachuan Lake
625
CNR
POUT LAKE G-0382
CARAMAT LAKE G-0
49°45'
86°30'
86°00'
49°30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Niobium in Lake Sediment
Approx %'ile
Nb (ppm) ICP
>99
>6.0
96-99
4.1-6.0
75-95
2.4-4.0
<75
<2.4
N
0
5
Kilometers

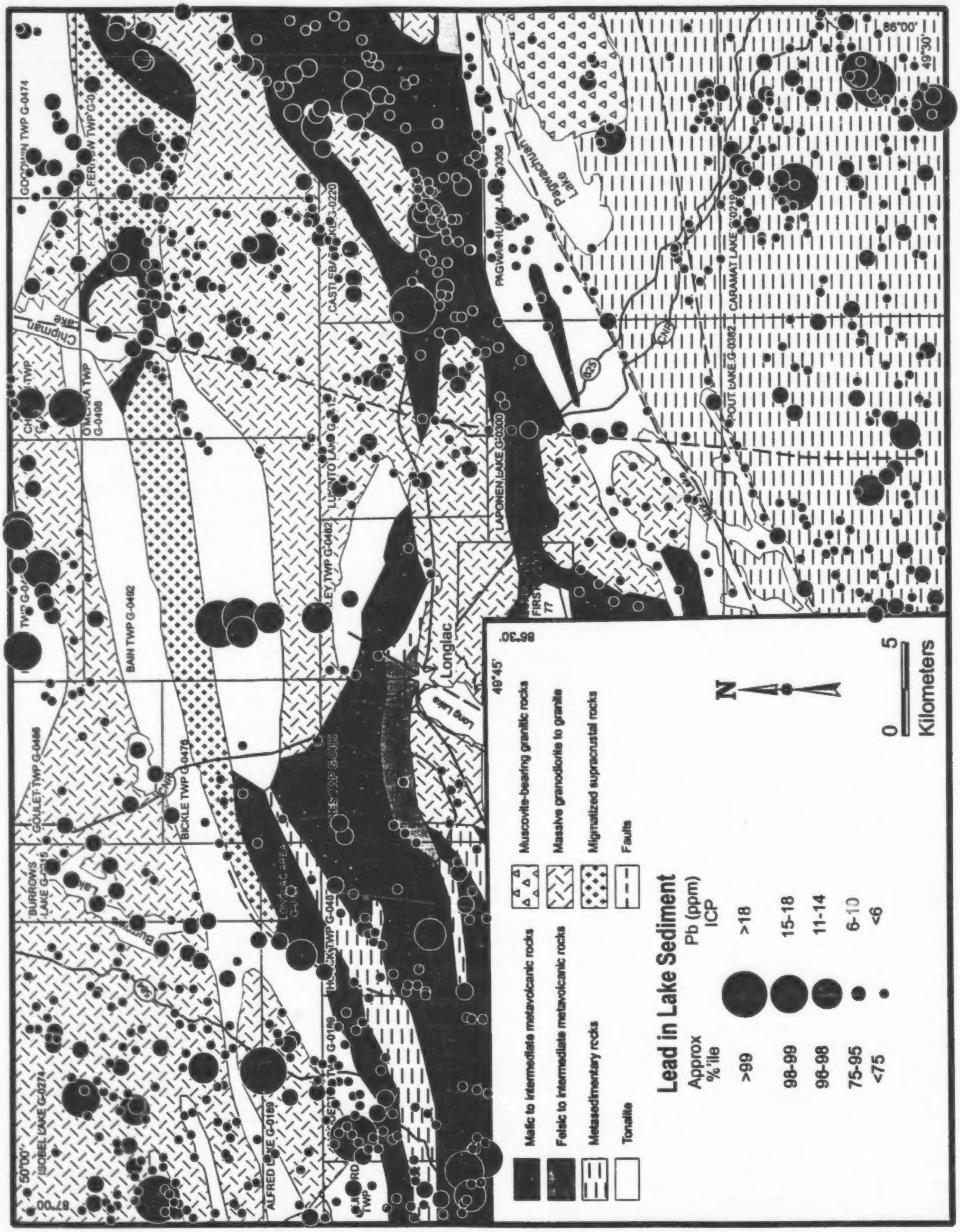

Niobium in Lake Sediment
Approx %'ile
Nb (ppm) ICP
>99
>6.0
96-99
4.1-6.0
75-95
2.4-4.0
<75
<2.4
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOC TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-295
PICKNELL LAKE G
11
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G
MANN LAKE G-318
THORNBER LAKE G-430
FOWLES TWP
HIAWATHA TWP
CNR

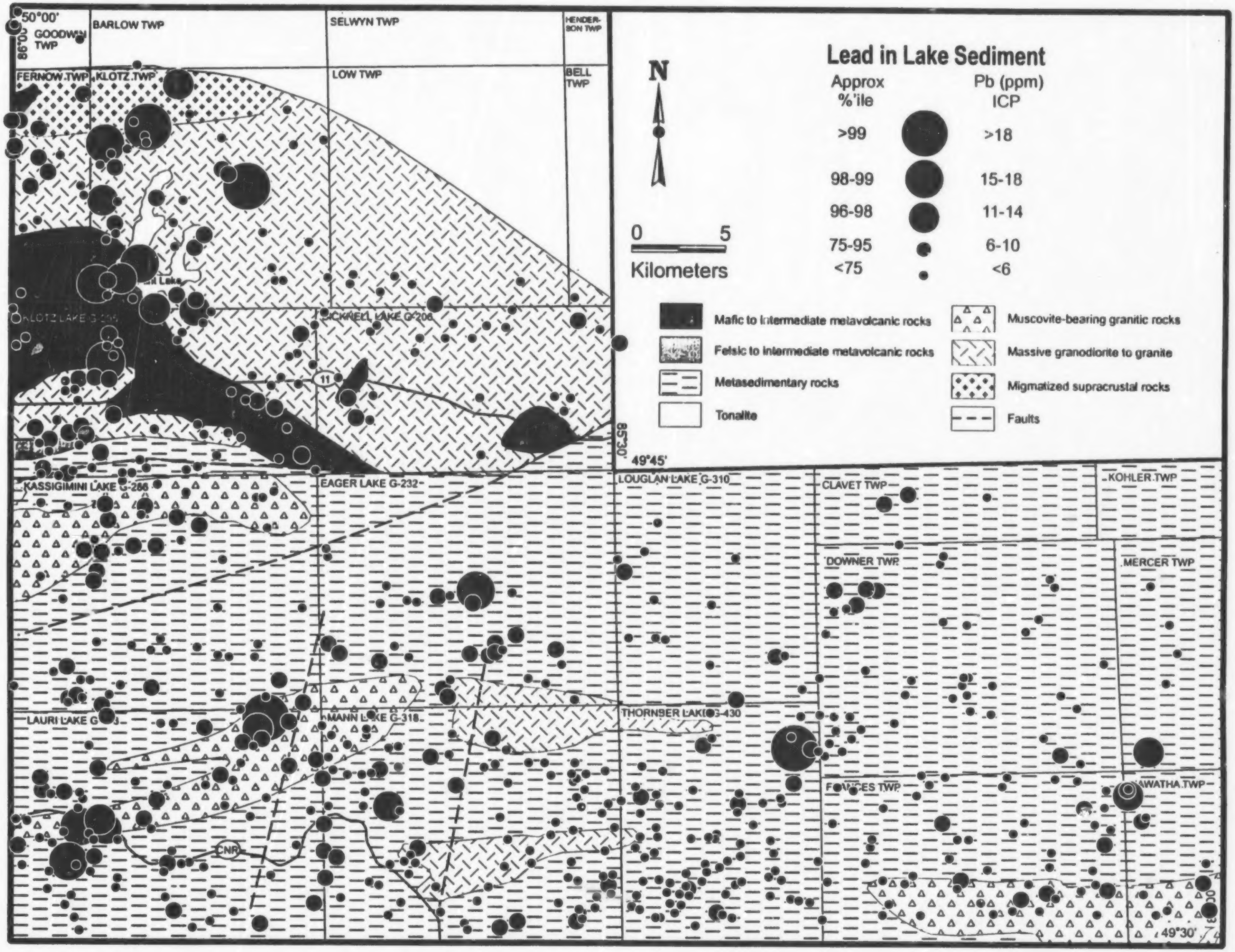

Niobium in Lake Sediment
Approx %'ile
Nb (ppm) ICP
>99
>6.0
96-99
4.1-6.0
75-95
2.4-4.0
<75
<2.4
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0
5
Kilometers
N
WES LAKE G-0451
SUPAWN LAKE G-0420
DROWNING RIVER JACKPINE-RAPIDS G-0226
WABABIMIGA LAKE
Wababimiga Lake
ESNAGAMI LAKE G-0244
RUPERT TWP. G-0500
JEMAR LAKE G-0275
OBOBKA LAKE G-0356
CNR
Chipman Lake
50°15'
86°30'
86°00'
50°00'
87 00

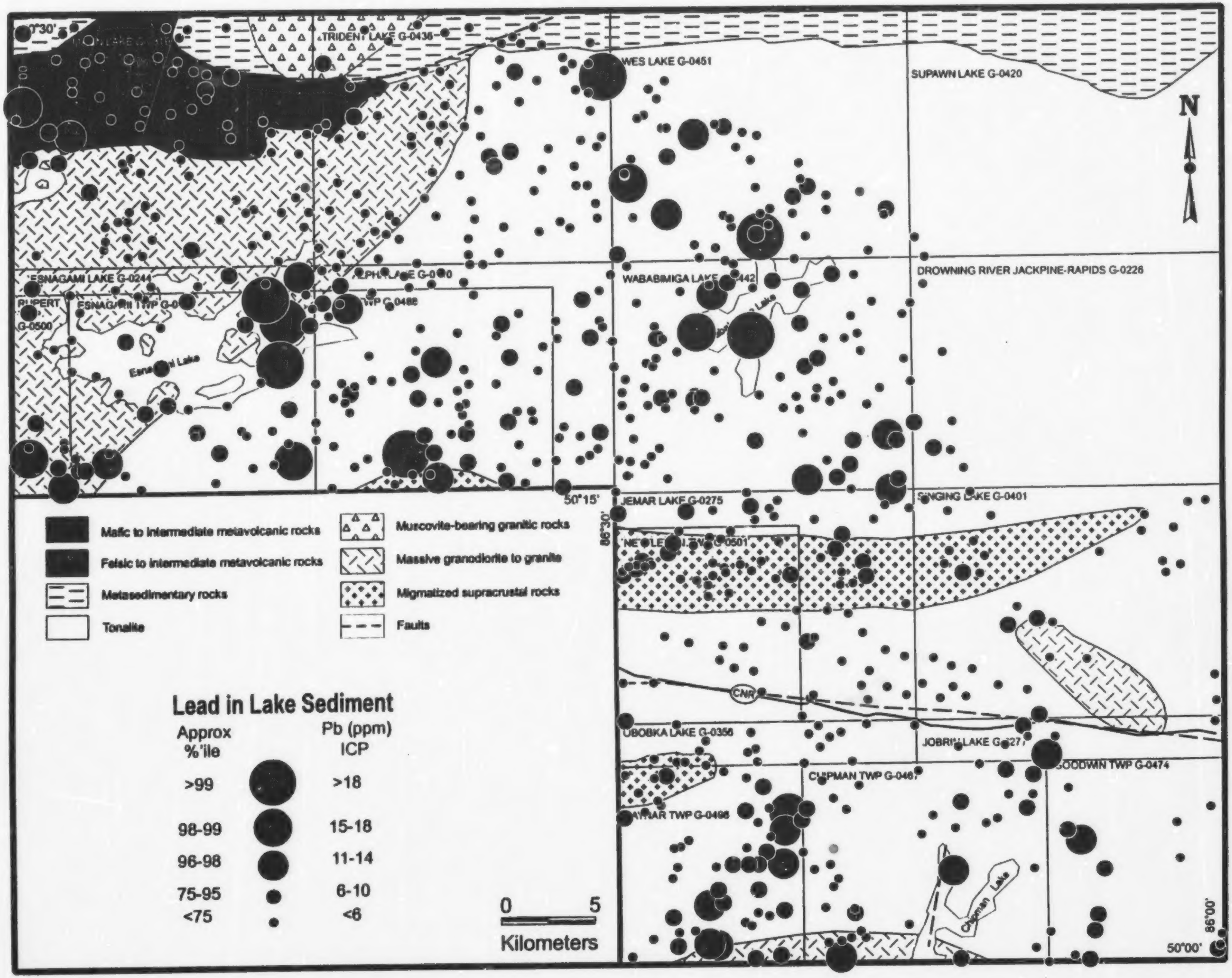

50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
Burrows Lake
GOULET TWP G-0486
RAYNAR TWP G-0496
CHIPMAN TWP G-0497
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0496
FERNOW TWP G-0488
BAIN TWP G-0492
BICKLE TWP G-0476
CNR
584
ALFRED LAKE G-0189
LONGLAC AREA G-0387
JACQUES TWP G-0189
HOUCK TWP G-0487
OAKES TWP G-0490
DALEY TWP G-0482
LUKINTO LAKE G-0219
CASTLEBAR LAKE G-0220
GULFORD TWP
11
Longlac
Long Lake
49°45'
86°30'
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0368
LONGLAC FIRST NATION 77
Pagwachuan Lake
625
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°30'
86°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Nickel in Lake Sediment
Approx %'ile
Ni (ppm) ICP
>99
>50
98-99
44-50
96-98
38-43
91-95
32-37
75-90
22-31
<75
<22
N
0
5
Kilometers

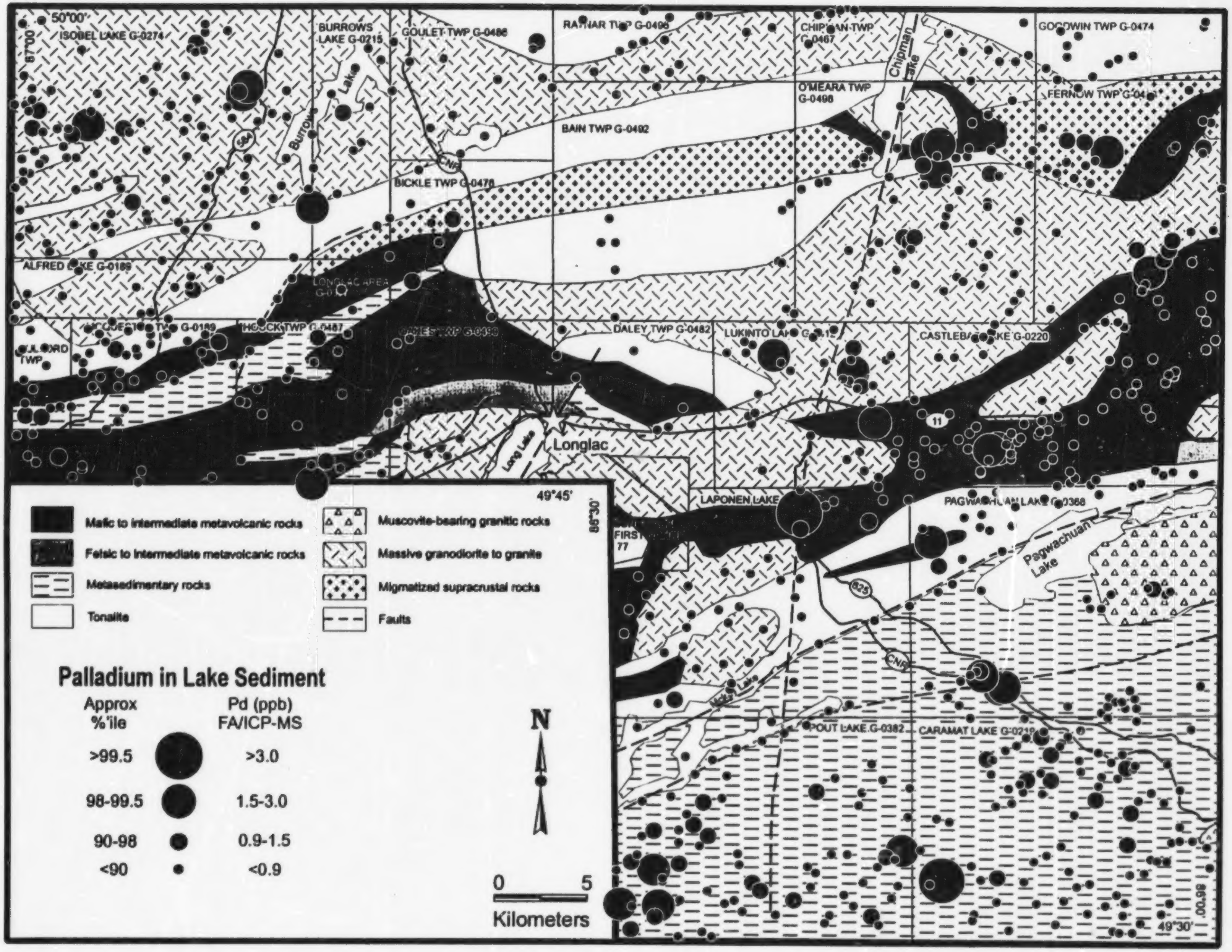

Nickel in Lake Sediment
Approx %'ile
Ni (ppm) ICP
>99 >50
98-99 44-50
96-98 38-43
91-95 32-37
75-90 22-31
<75 <22
N
0 5 Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-205
DICKNELL LAKE G-206
11
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
THORNBER LAKE G-430
LAURI LAKE G-323
MANN G-318
FRANCES TWP
HIAWATHA TWP
CNR

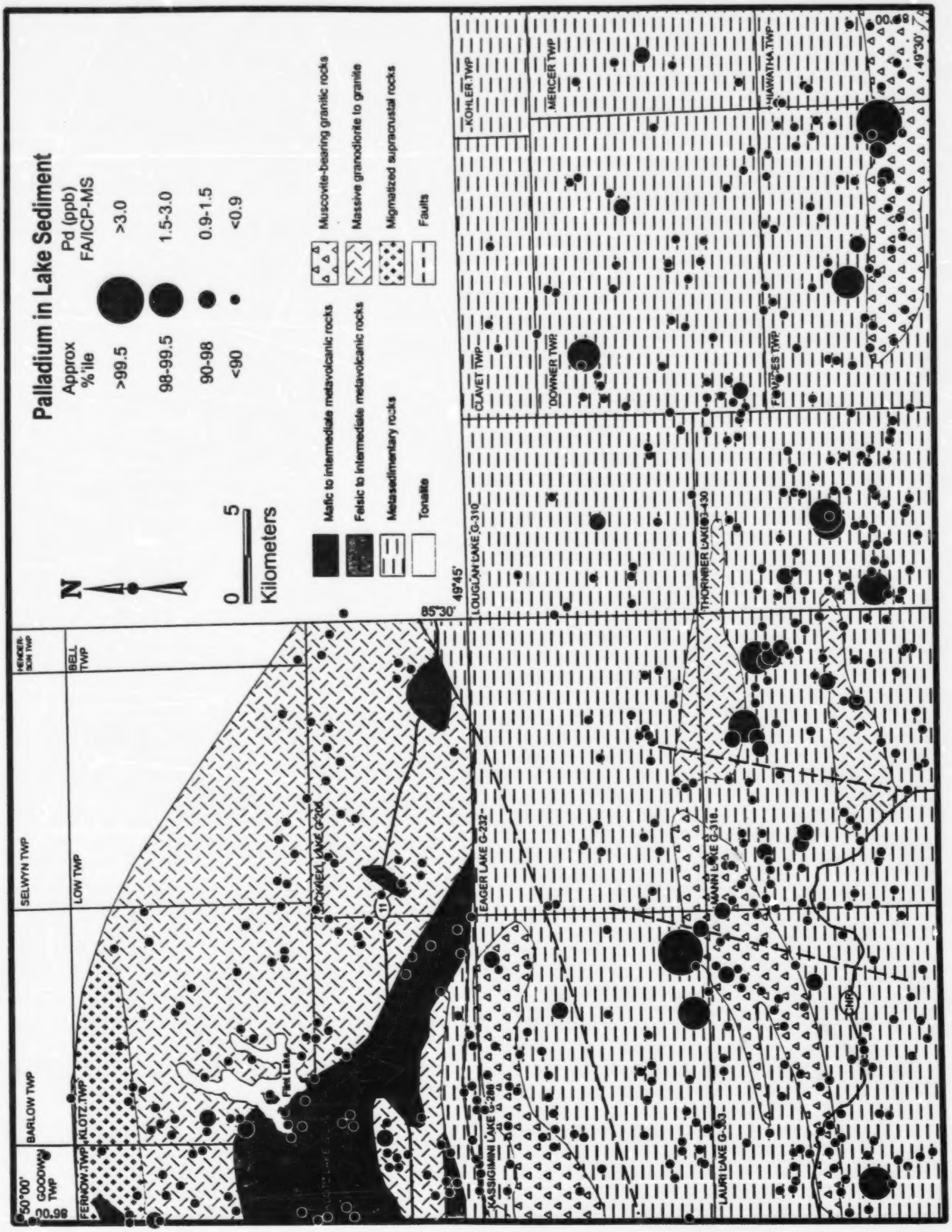
50°30'
87°00'
MAIN LAKE G-0419
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0450
WABABIMIGA LAKE G-0442
DROWNING RIVER JACKPINE-RAPIDS G-0226
RUPERT TWP. G-0500
ESNAGAMI TWP G-0499
LEHA TWP G-0488
Esnagami Lake
Wababimiga Lake
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
CATHAR TWP G-0496
Chipman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Nickel in Lake Sediment
Approx %'ile
Ni (ppm) ICP
>99
>50
98-99
44-50
96-98
38-43
91-95
32-37
75-90
22-31
<75
<22
N
0
5
Kilometers

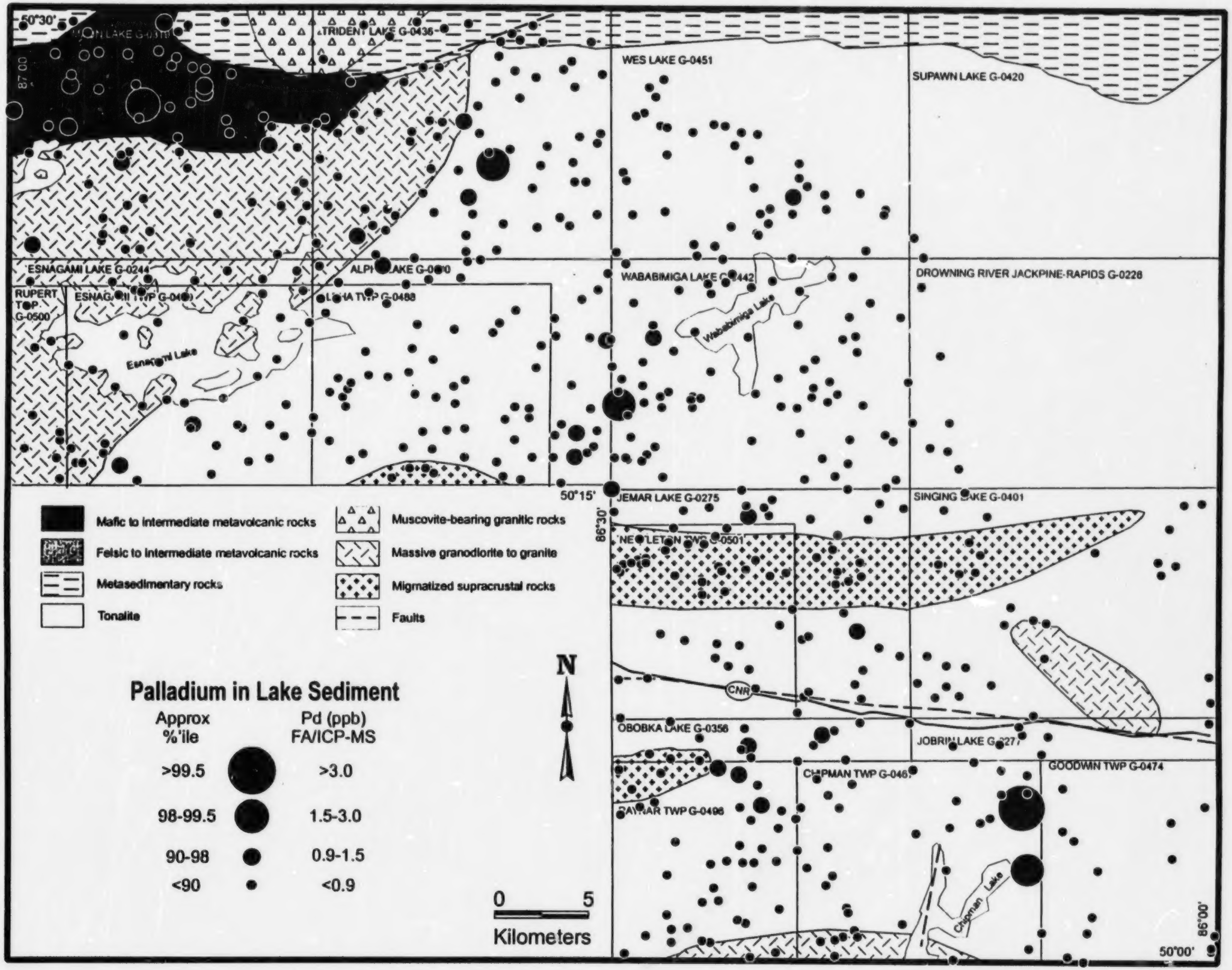

Lead in Lake Sediment
Approx %'ile
Pb (ppm) ICP
>99 >18
98-99 15-18
96-98 11-14
75-95 6-10
<75 <6
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0 5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
Longlac
Long Lake
Chipman Lake
Pagwachuan Lake
ISOBEL LAKE G-0274
BURROWS LAKE G-0315
GOULET TWP G-0486
BICKLE TWP G-0476
BAIN TWP G-0492
ALFRED LAKE G-0169
LONGLAC AREA
O'MEARA TWP G-0498
GOODWIN TWP G-0474
CASTLEBAR LAKE G-0220
LUKINTO LAKE
LAPONEN LAKE G-0300
CARAMAT LAKE G-0219
TROUT LAKE G-0382
CNR
625

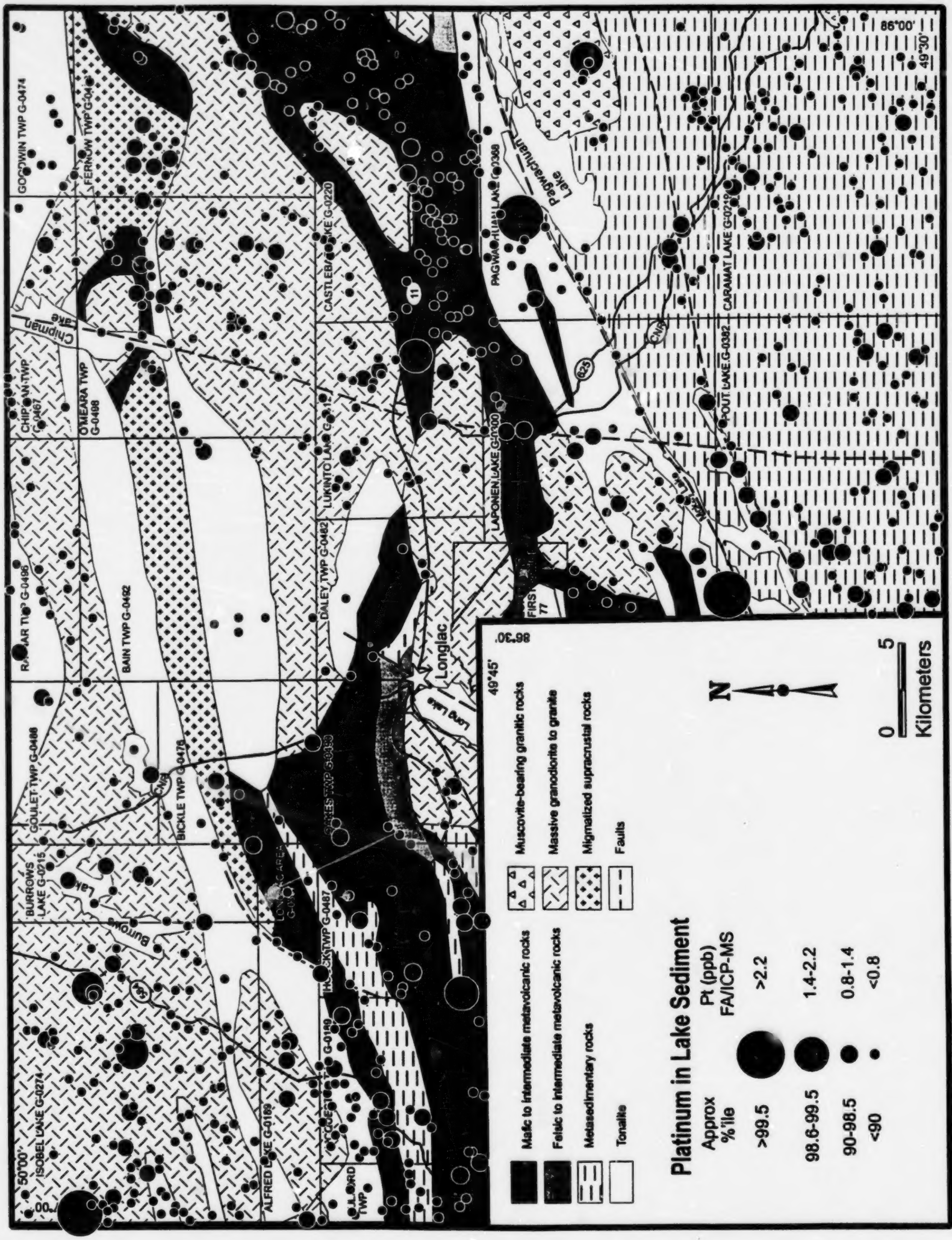

Lead in Lake Sediment
Approx %'ile
Pb (ppm) ICP
>99
>18
98-99
15-18
96-98
11-14
75-95
6-10
<75
<6
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-205
PICKNELL LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-3
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
WAWATHA TWP
CNR
49°30'

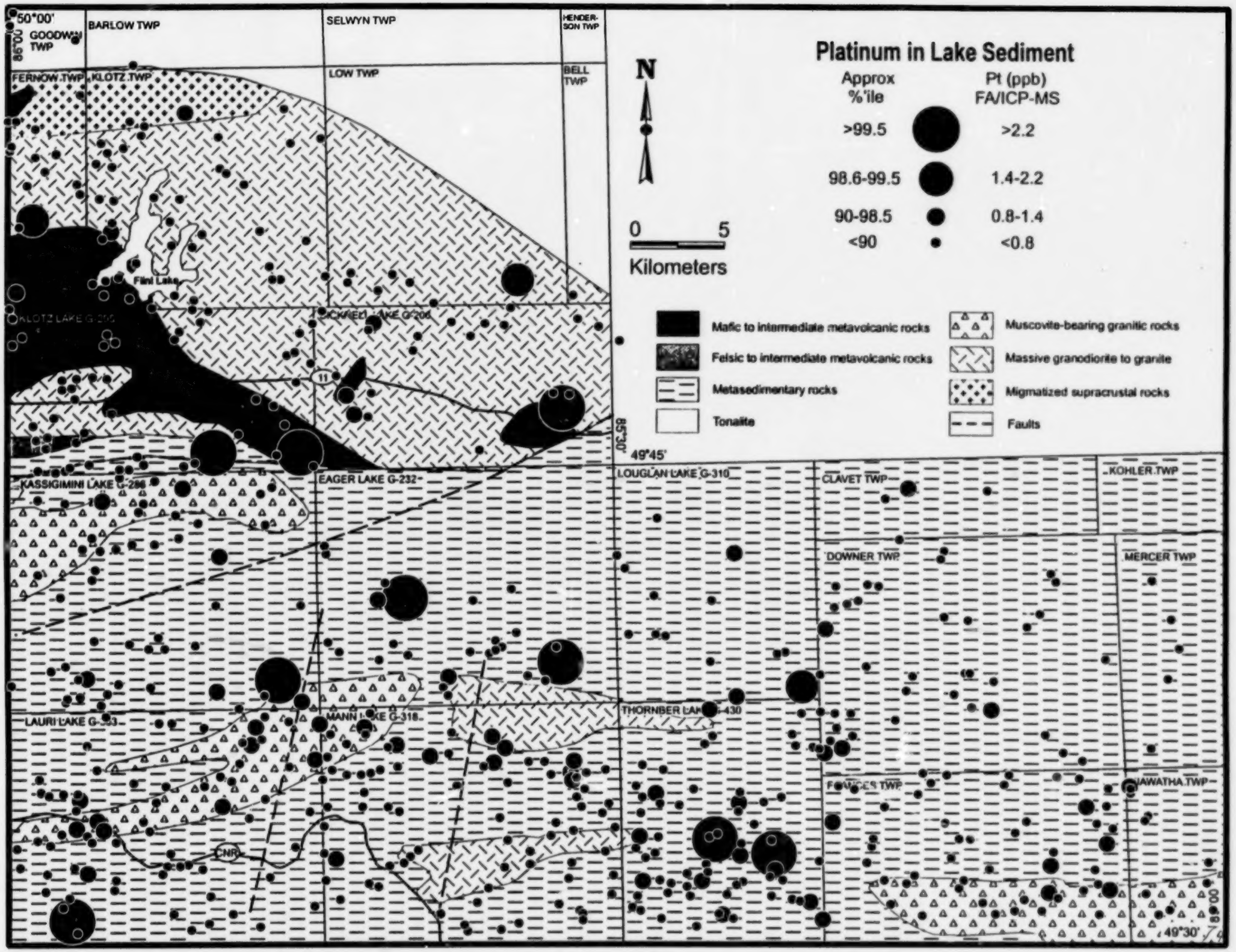

50°30'
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
N
ESNAGAMI LAKE G-0244
RUPERT
G-0500
ESNAGAMI TWP G-0
TWP G-0488
Esnagami Lake
WABABIMIGA LAKE
DROWNING RIVER JACKPINE-RAPIDS G-0226
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
G-0501
CNR
UBOBKA LAKE G-0356
JOBRIN LAKE
CHIPMAN TWP
GOODWIN TWP G-0474
TWP G-0496
Chipman Lake
50°00'
86°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Lead in Lake Sediment
Approx %'ile
Pb (ppm) ICP
>99
>18
98-99
15-18
96-98
11-14
75-95
6-10
<75
<6
0
5
Kilometers

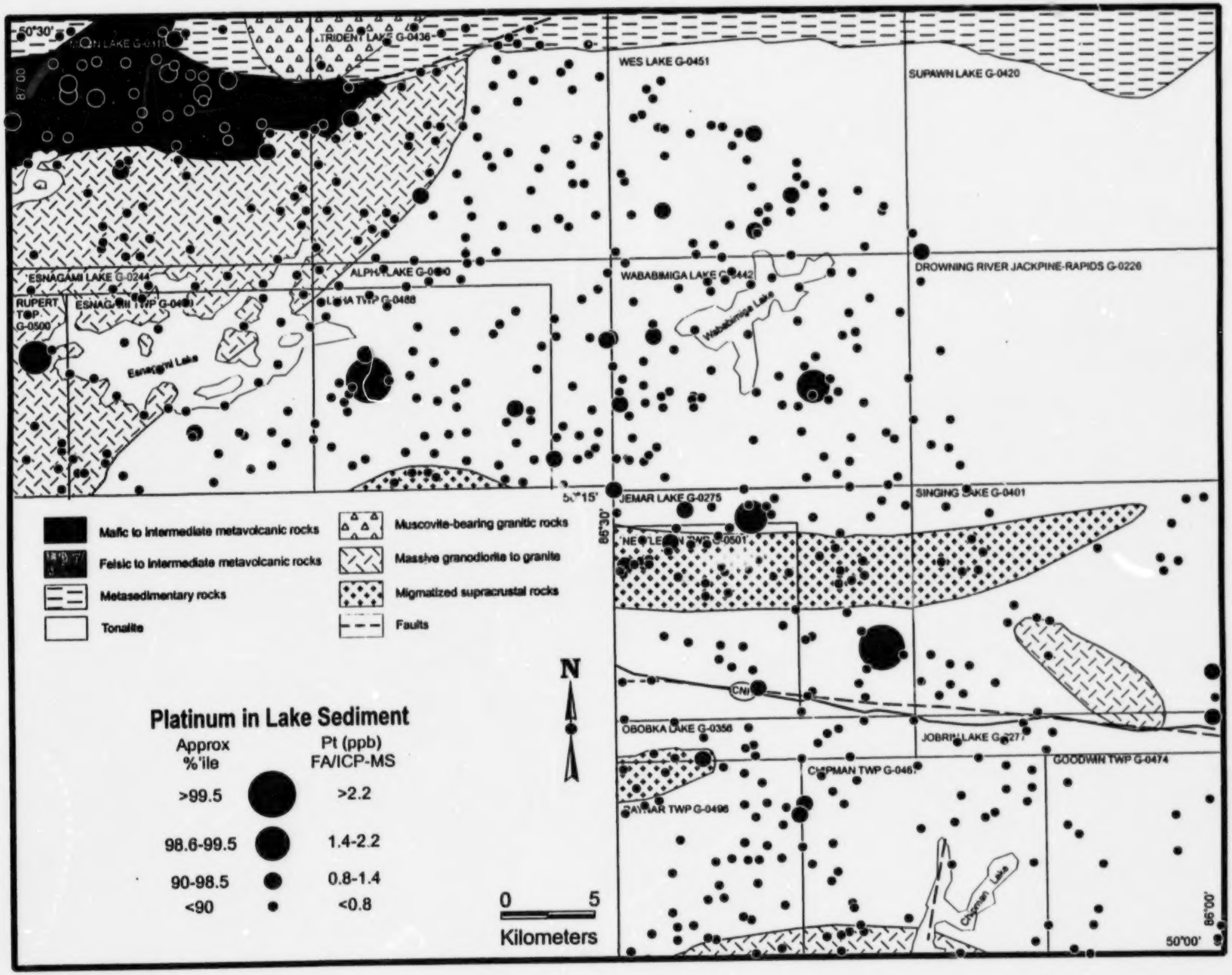

50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
RAYNAR TWP G-0496
CHIPMAN TWP G-0467
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0498
FERNOW TWP G-04
BAIN TWP G-0492
Burrows Lake
CNR
BICKLE TWP G-0476
ALFRED LAKE G-0189
LONGLAC AREA
HOOCK TWP G-0487
GULFORD TWP
DALEY TWP G-0482
LUKINTO LAKE
CASTLEBAR LAKE G-0220
11
Long Lake
Longlac
LAPONEN LAKE
FIRST 77
PAGWACHUAN LAKE G-0368
Pagwachuan Lake
825
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°45'
86°30'
86°00'
49°30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Palladium in Lake Sediment
Approx %'ile
Pd (ppb) FA/ICP-MS
>99.5
>3.0
98-99.5
1.5-3.0
90-98
0.9-1.5
<90
<0.9
N
0
5
Kilometers

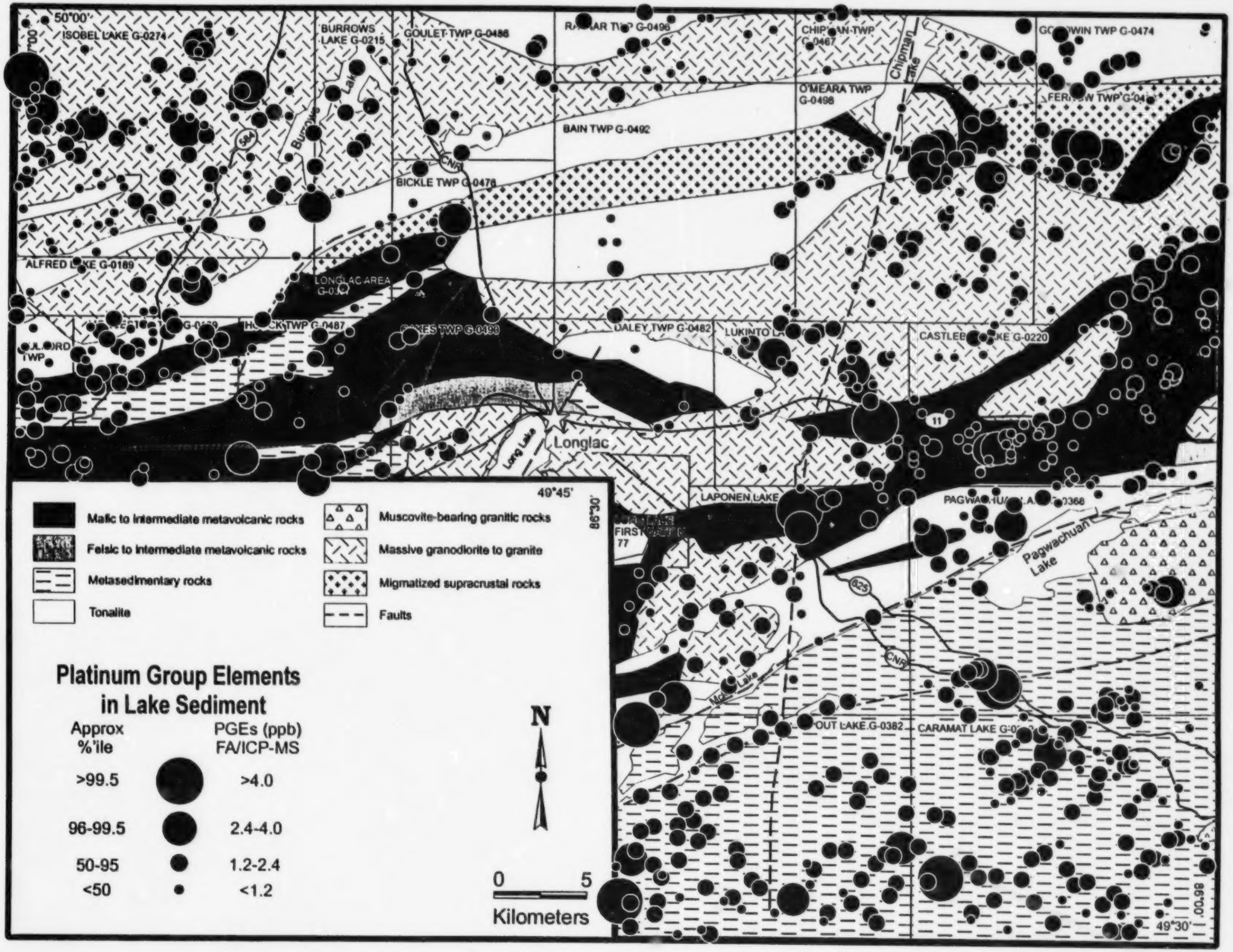

Palladium in Lake Sediment
Approx %'ile
Pd (ppb) FA/ICP-MS
>99.5
>3.0
98-99.5
1.5-3.0
90-98
0.9-1.5
<90
<0.9
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
MICHAEL LAKE G-204
11
85°30'
49°45'
EAGER LAKE G-232
KASSIGIMINI LAKE G-268
LOUGLAN LAKE G-310
MANN LAKE G-316
LAURI LAKE G-333
THORNBER LAKE G-430
CNR
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
FOWLES TWP
HIAWATHA TWP
49°30'
85°00'

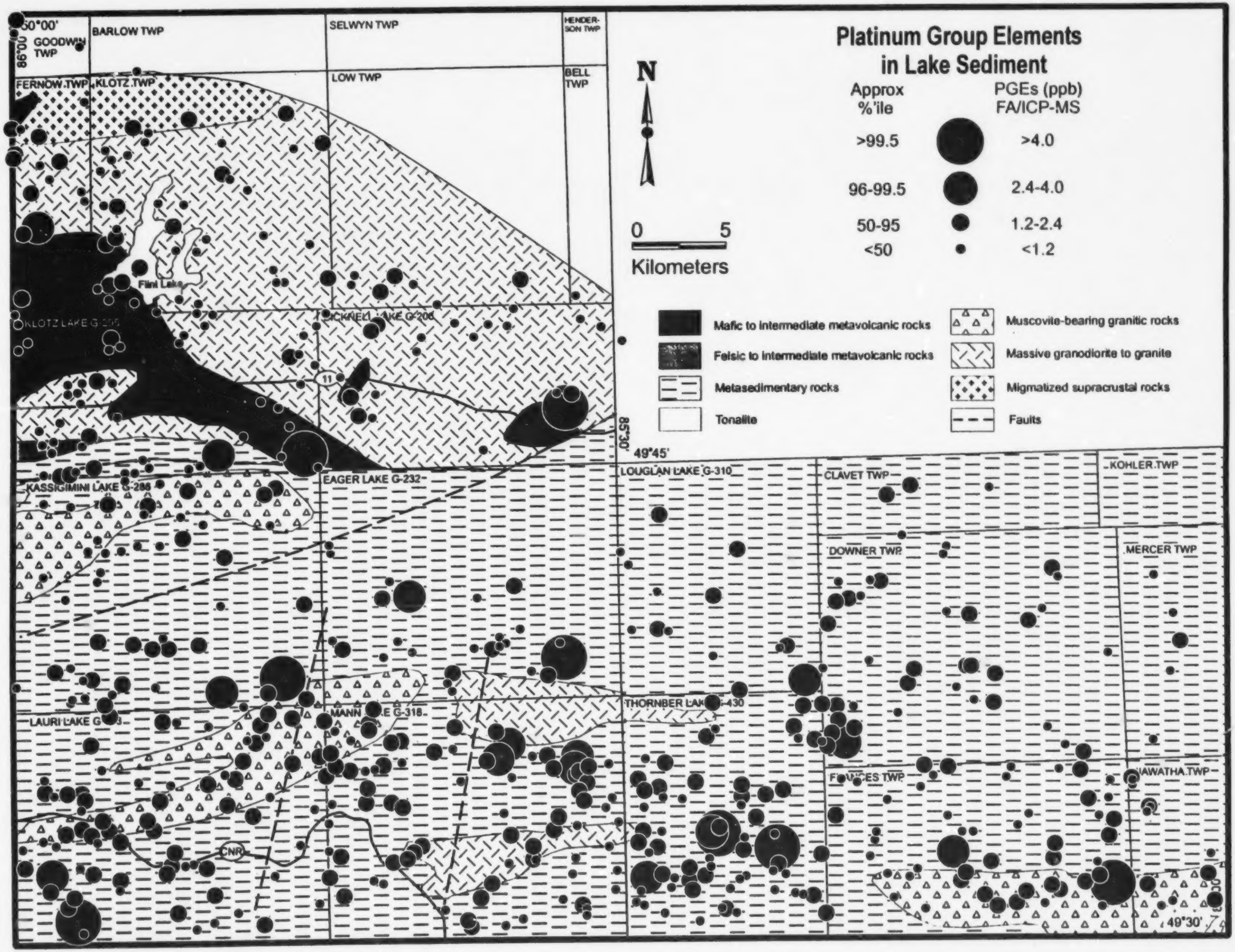

50°30'
87 00
ON LAKE G-0319
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
ALPI LAKE G-0410
WABABIMIGA LAKE G-0442
DROWNING RIVER JACKPINE-RAPIDS G-0228
RUPERT TWP. G-0500
ESNAGAMI TWP G-0489
LEHA TWP G-0488
Esnagami Lake
Wababimiga Lake
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
NETTLETON TWP G-0501
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
CHIPMAN TWP G-0461
GOODWIN TWP G-0474
RAYNAR TWP G-0496
Chipman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
Palladium in Lake Sediment
Approx %'ile
Pd (ppb) FA/ICP-MS
>99.5
>3.0
98-99.5
1.5-3.0
90-98
0.9-1.5
<90
<0.9
0
5
Kilometers

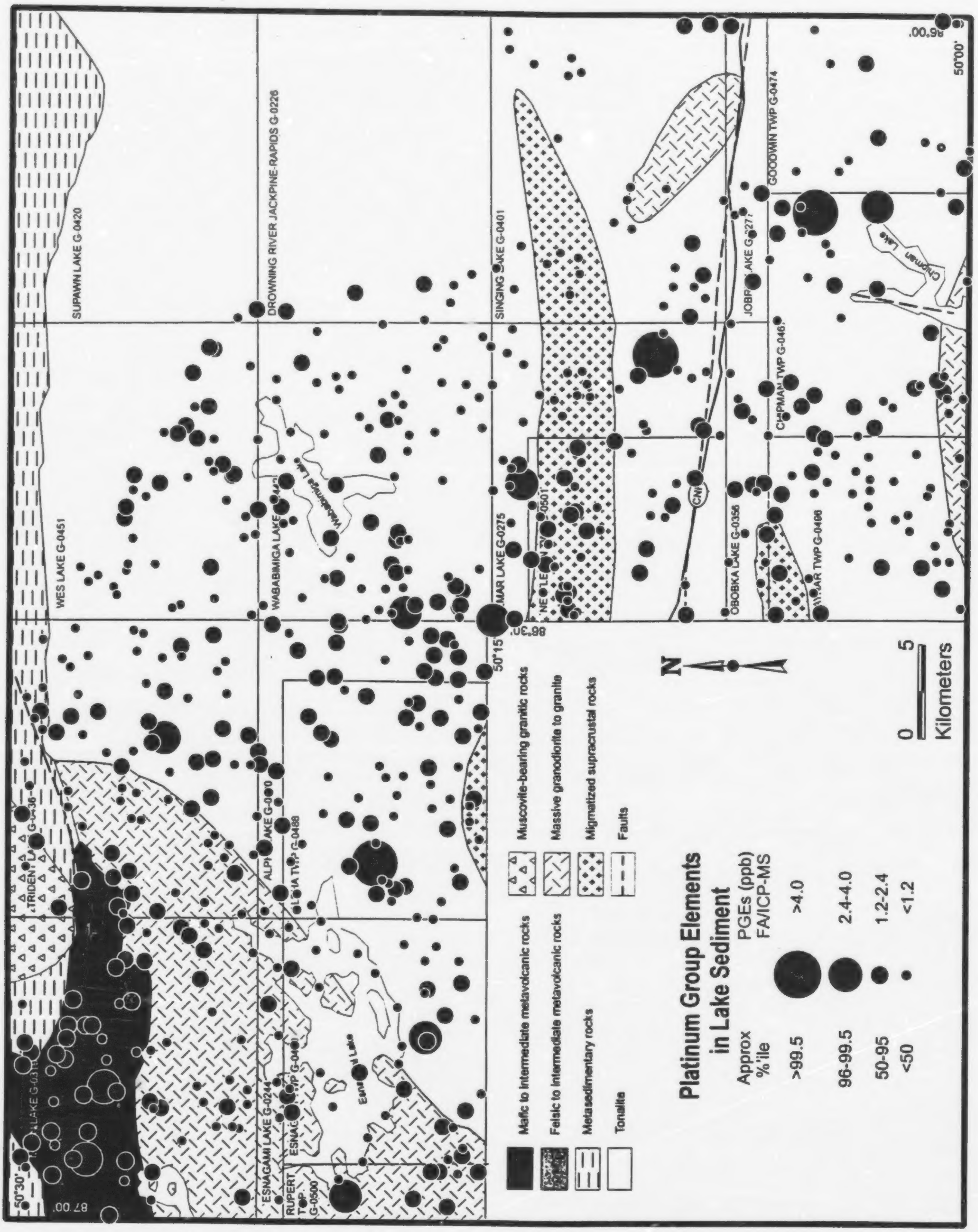

Platinum in Lake Sediment
Approx %'ile
Pt (ppb) FA/ICP-MS
>99.5
>2.2
98.6-99.5
1.4-2.2
90-98.5
0.8-1.4
<90
<0.8
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
87°00'
50°00'
86°00'
49°30'
86°30'
49°45'
ISOBEL LAKE G-0274
ALFRED LAKE G-0169
BURROWS LAKE G-0215
Burrows Lake
GOULET TWP G-0488
BICKLE TWP G-0476
RAFFAR TWP G-0496
BAIN TWP G-0492
CHIPMAN TWP G-0487
O'MEARA TWP G-0498
Chipman Lake
GOODWIN TWP G-0474
FERNOW TWP G-04
LONGLAC AREA G-0
KILGOUR TWP G-0487
DALEY TWP G-0482
LUKINTO LAKE G-0
CASTLEBAR LAKE G-0220
PAGWACHUAN LAKE G-0368
Pagwachuan Lake
OAKES TWP G-0489
LAPONEN LAKE G-0300
FIRST 77
CARAMAT LAKE G-0219
POUT LAKE G-0382
Longlac
Long Lake
CNR
11
625
G-0159
TWP

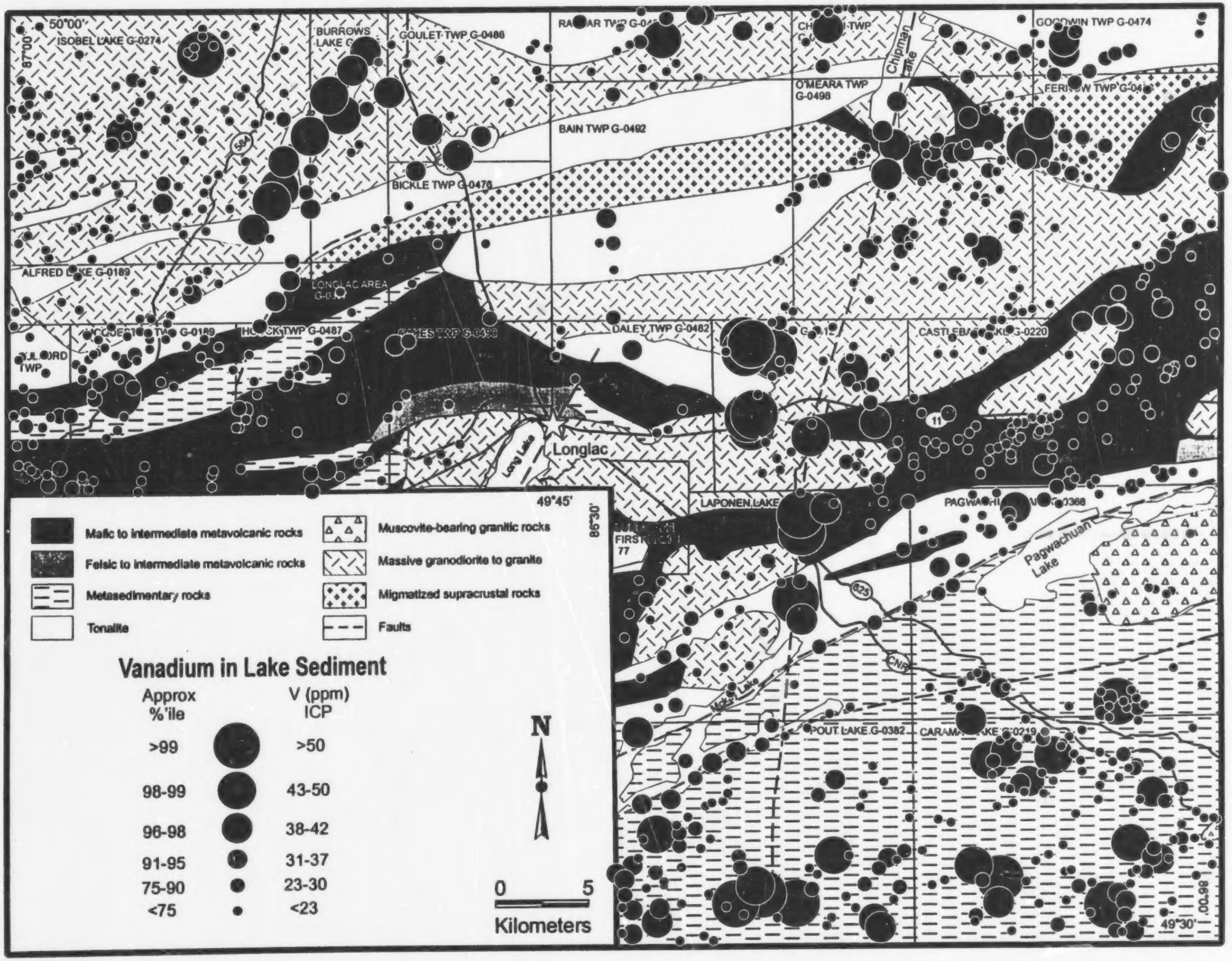

Platinum in Lake Sediment
Approx %'ile
Pt (ppb) FA/ICP-MS
>99.5
>2.2
98.6-99.5
1.4-2.2
90-98.5
0.8-1.4
<90
<0.8
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-255
ECKHEIL LAKE G-200
11
85°30'
49°45'
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-353
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR
49°30'
85°00'

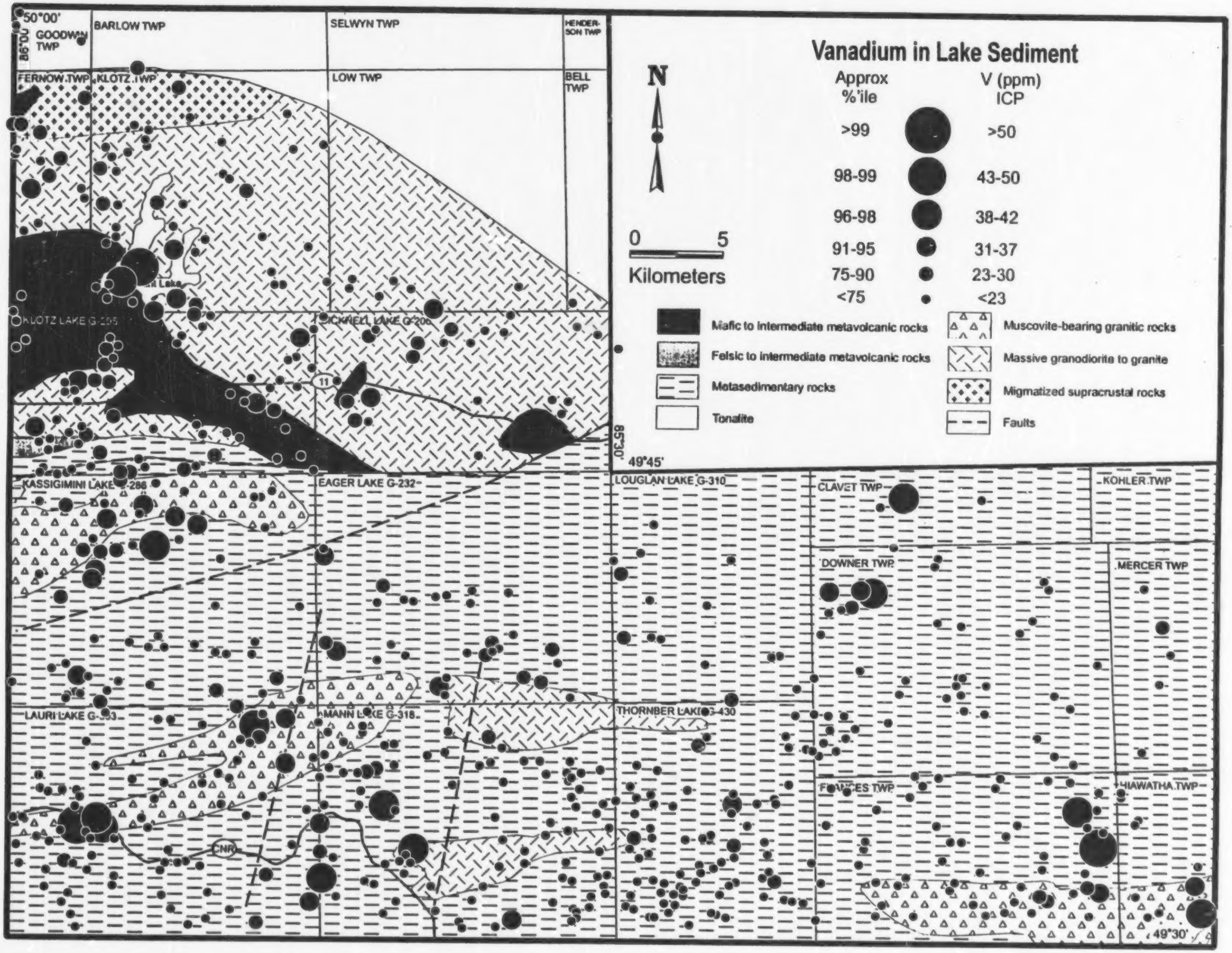

50°30'
87°00'
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0460
WABABIMIGA LAKE G-0442
DROWNING RIVER JACKPINE-RAPIDS G-0226
RUPERT TWP. G-0500
Esnagami Lake
Wababimiga Lake
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
CN
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
CHIPMAN TWP G-0461
Chipman Lake
86°00'
50°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
Platinum in Lake Sediment
Approx %'ile
Pt (ppb) FA/ICP-MS
>99.5
>2.2
98.6-99.5
1.4-2.2
90-98.5
0.8-1.4
<90
<0.8

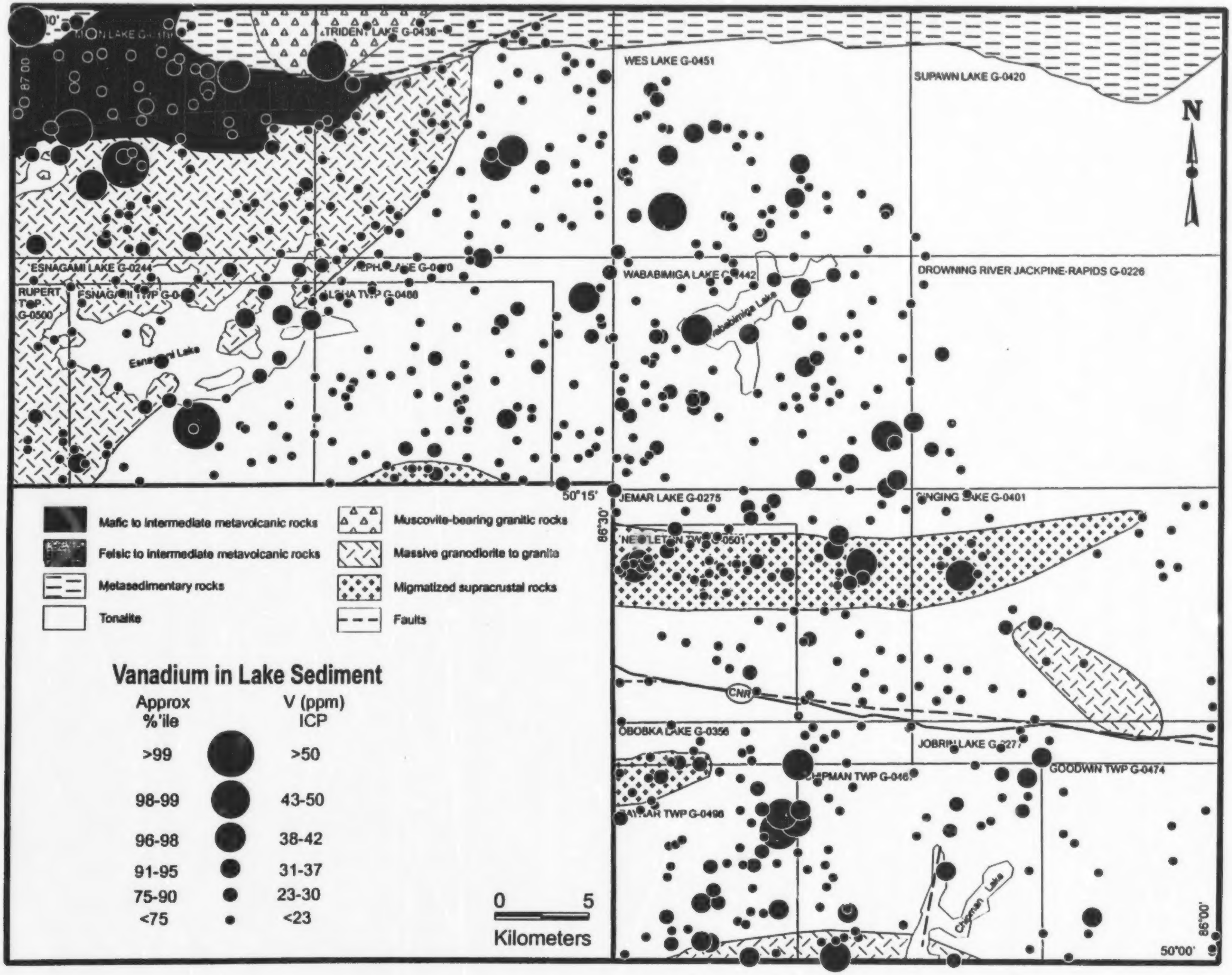

Platinum Group Elements
in Lake Sediment
Approx %'ile
PGEs (ppb) FA/ICP-MS
>99.5
>4.0
96-99.5
2.4-4.0
50-95
1.2-2.4
<50
<1.2
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
49°45'
49°30'
86°30'
86°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
CHIPMAN TWP G-0467
GOODWIN TWP G-0474
O'MEARA TWP G-0498
BAIN TWP G-0492
BICKLE TWP G-0476
ALFRED LAKE G-0189
LONGLAC AREA
HOLCK TWP G-0487
DALEY TWP G-0482
CASTLEBAR LAKE G-0220
LAPONEN LAKE
PAGWACHUAN LAKE
OUT LAKE G-0382
CARAMAT LAKE
Chipman Lake
Burrows Lake
Pagwachuan Lake
Long Lake
Longlac
CNR
11
584
625
77

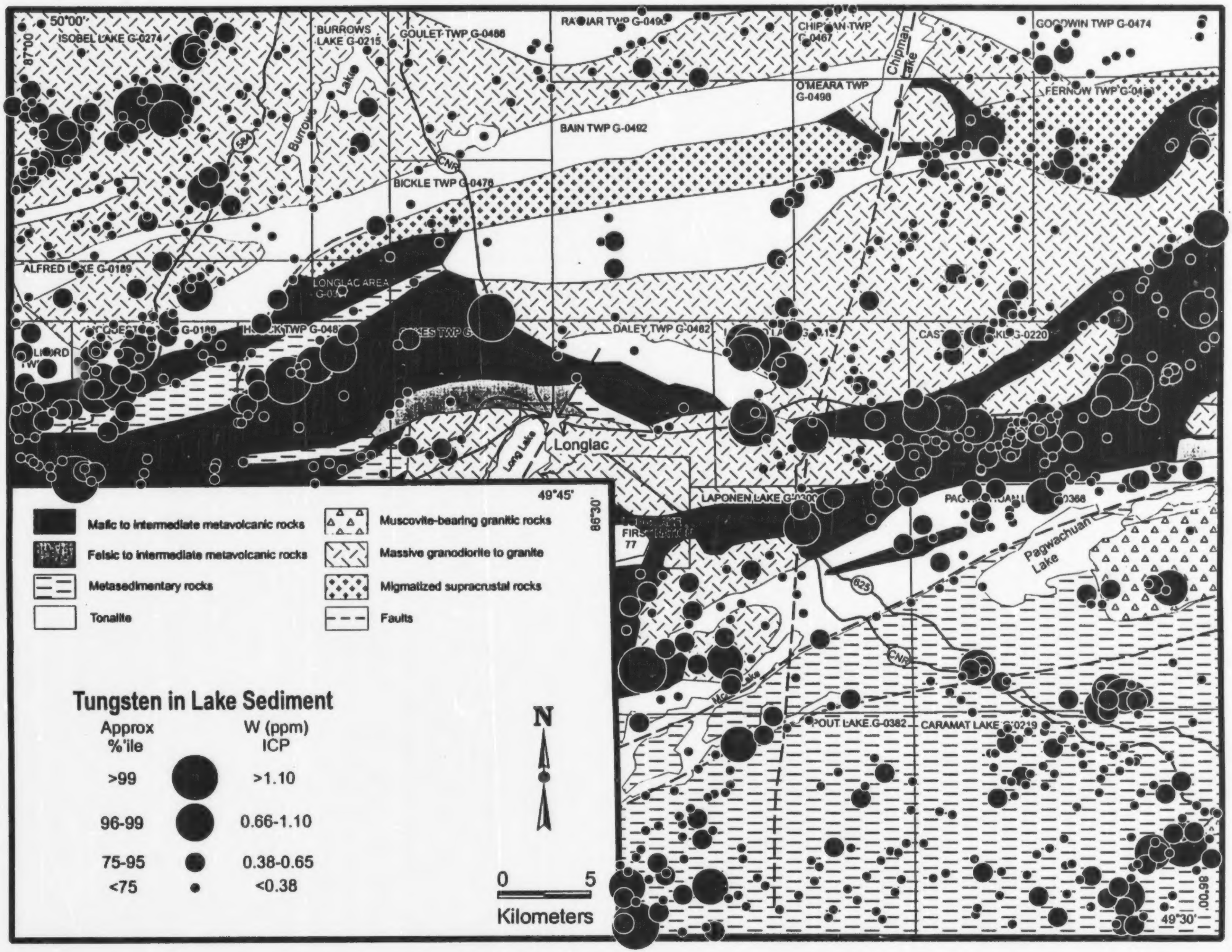

Platinum Group Elements
in Lake Sediment
Approx %'ile
PGEs (ppb) FA/ICP-MS
>99.5
>4.0
96-99.5
2.4-4.0
50-95
1.2-2.4
<50
<1.2
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDER-SON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-205
PICKNELL LAKE G-206
11
85°30'
49°45'
KASSIGIMINI LAKE G-288
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
THORNBER LAKE G-430
LAURI LAKE G
MANN LAKE G-318
FRANCES TWP
WAWATHA TWP
CNR
49°30'

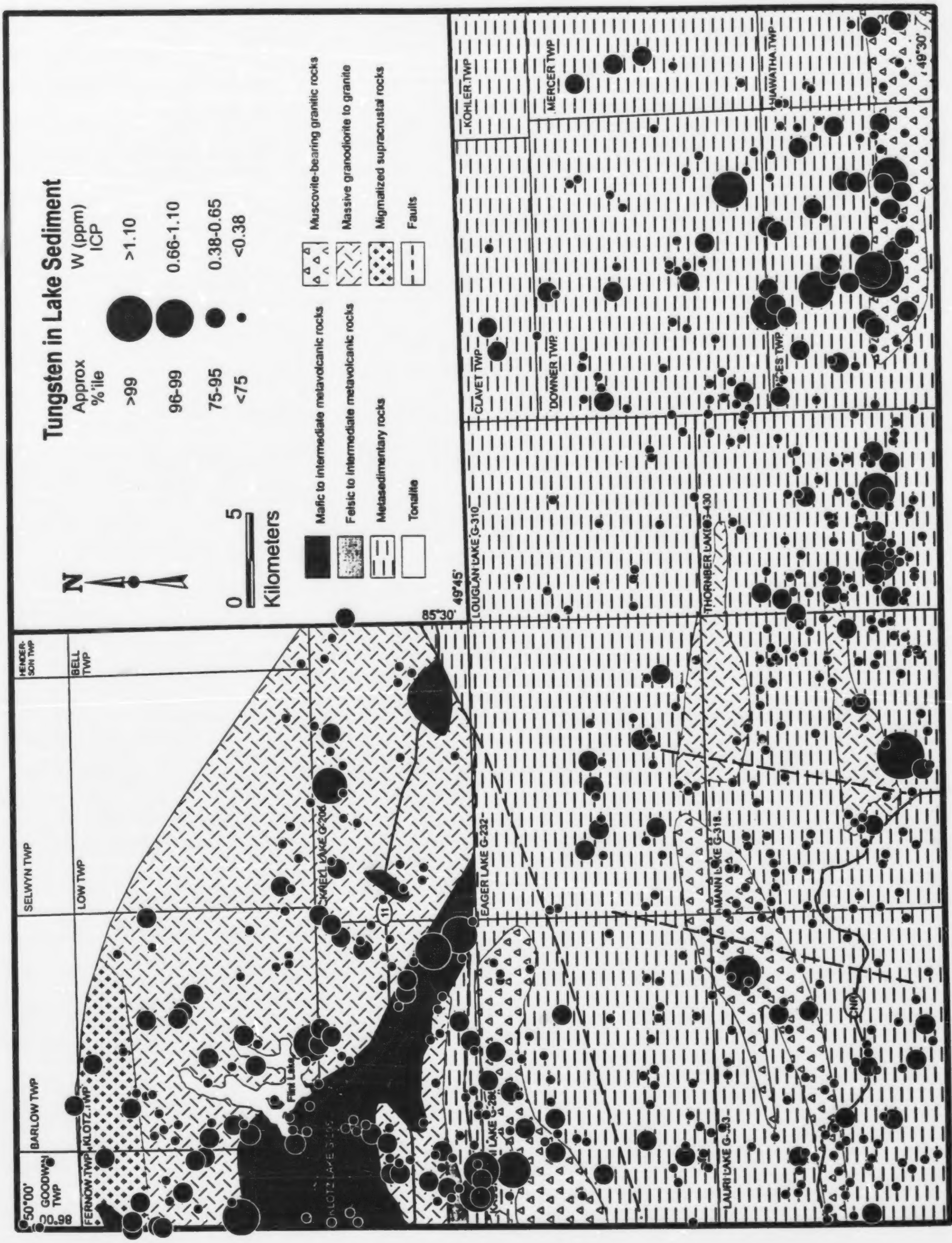

Platinum Group Elements in Lake Sediment
Approx %'ile
PGEs (ppb) FA/ICP-MS
>99.5
>4.0
96-99.5
2.4-4.0
50-95
1.2-2.4
<50
<1.2
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°30'
87°00'
50°15'
86°30'
50°00'
86°00'
SUPAWN LAKE G-0420
DROWNING RIVER JACKPINE-RAPIDS G-0226
SINGING LAKE G-0401
GOODWIN TWP G-0474
JOBRIN LAKE G-0277
CHAPMAN TWP G-0461
Chapman Lake
WES LAKE G-0451
WABABIMIGA LAKE
Wababimiga Lake
MAR LAKE G-0275
OBOBKA LAKE G-0356
MAR TWP G-0496
CNR
TRIDENT LAKE G-0436
ALPIN LAKE G-0010
G-0488
ESNAGAMI LAKE G-0244
ESNAGAMI TWP G-0491
Esnagami Lake
RUPERT TWP G-0500

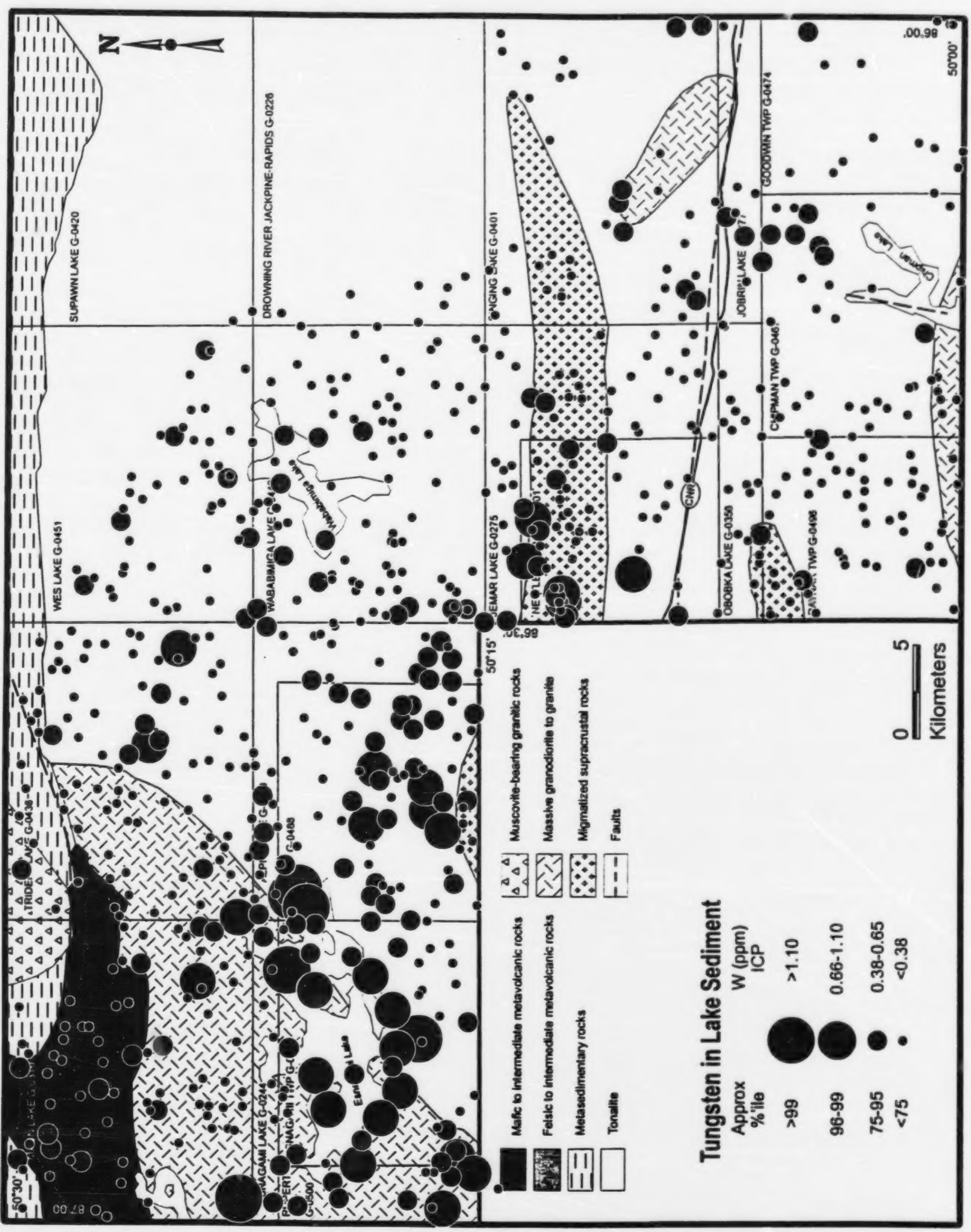

Vanadium in Lake Sediment
Approx %'ile
V (ppm) ICP
>99
>50
98-99
43-50
96-98
38-42
91-95
31-37
75-90
23-30
<75
<23
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
BURROWS LAKE
GOULET TWP G-0486
BAIN TWP G-0492
BICKLE TWP G-0476
O'MEARA TWP G-0498
GOODWIN TWP G-0474
ALFRED LAKE G-0189
LONGLAC AREA
THOCK TWP G-0487
DALEY TWP G-0482
LAPONEN LAKE
FIRST
77
Longlac
Long Lake
Chipman Lake
Pagwachuan Lake
POUT LAKE G-0382
11
625
584
CNR


Vanadium in Lake Sediment
Approx %'ile
V (ppm) ICP
>99 >50
98-99 43-50
96-98 38-42
91-95 31-37
75-90 23-30
<75 <23
N
0 5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-205
PICKRELL LAKE G-200
11
KASSIGIMINI LAKE G-288
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
LAURI LAKE G-33
MANN LAKE G-318
THORNBER LAKE G-430
FRANCES TWP
HIAWATHA TWP
CNR

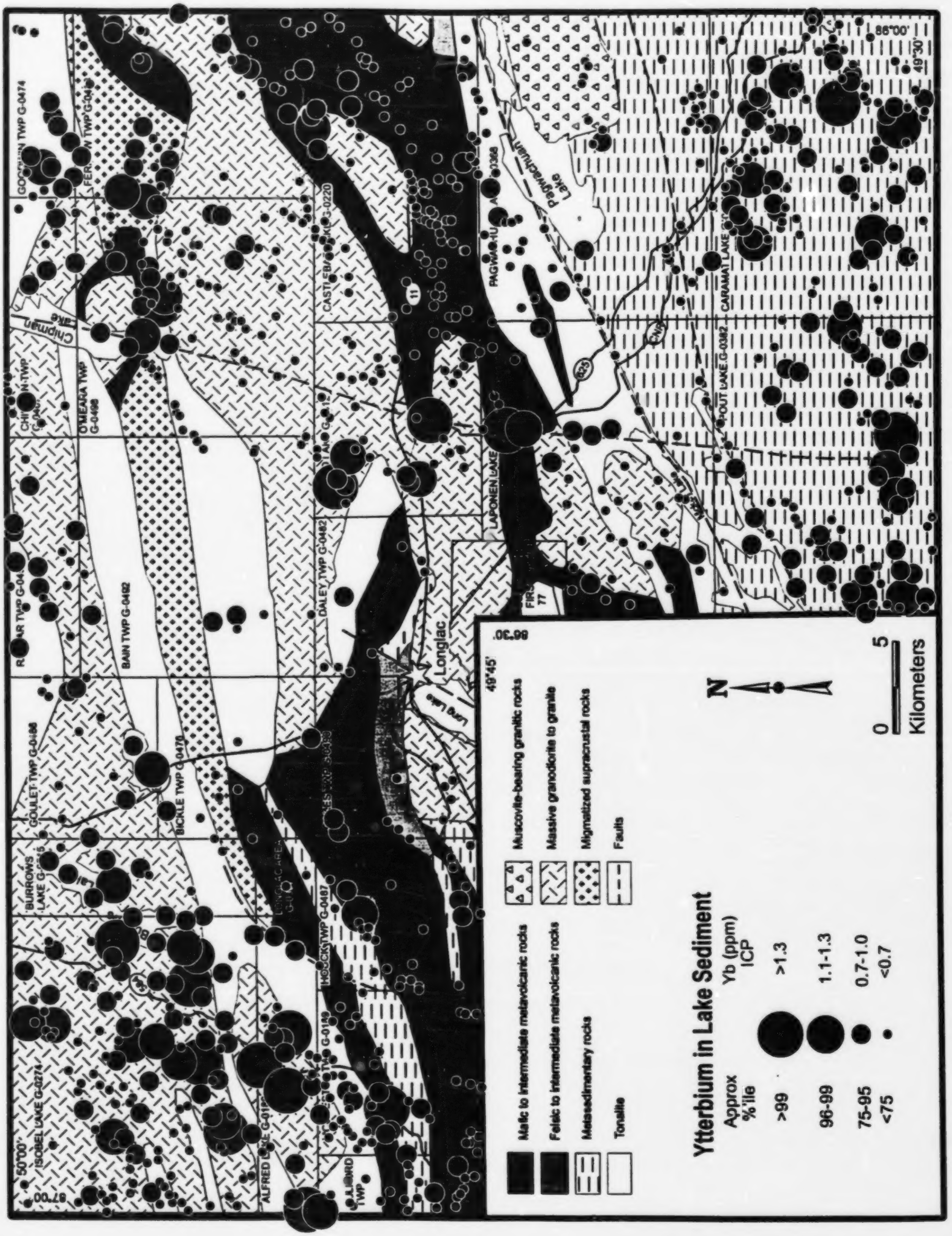

MOON LAKE G-0
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
N
87 00
ESNAGAMI LAKE G-0244
ALPHA LAKE G-0470
WABABIMIGA LAKE G-0442
DROWNING RIVER JACKPINE-RAPIDS G-0226
RUPERT TWP G-0500
ESNAGAMI TWP G-0
ALSHA TWP G-0488
Esnagami Lake
Wababimiga Lake
50°15'
86°30'
JEMAR LAKE G-0275
SINGING LAKE G-0401
NEBLETON TWP G-0501
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
CHIPMAN TWP G-0461
AYRAR TWP G-0496
Chipman Lake
50°00'
86°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Vanadium in Lake Sediment
Approx %'ile
V (ppm) ICP
>99
>50
98-99
43-50
96-98
38-42
91-95
31-37
75-90
23-30
<75
<23
0
5
Kilometers

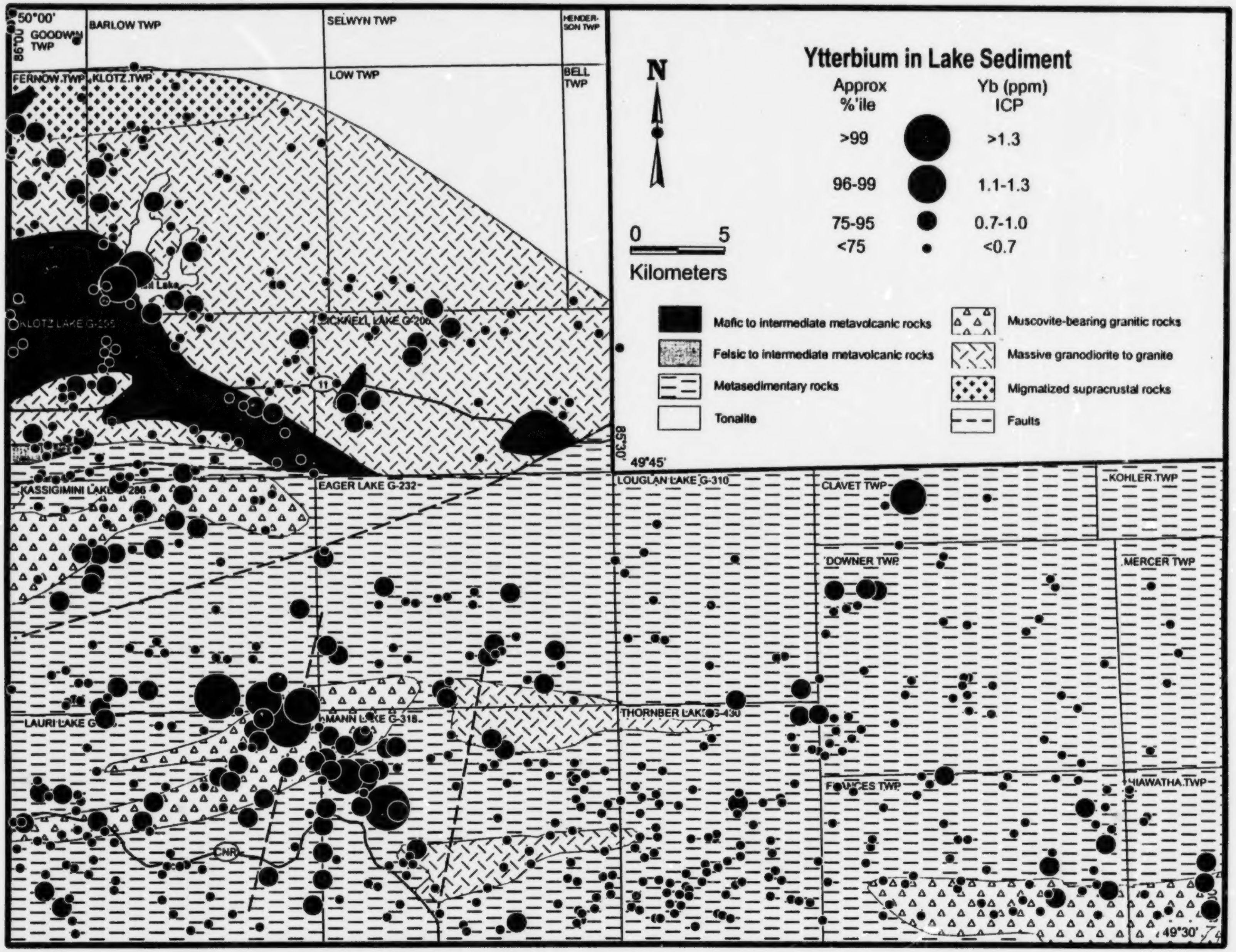

50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
RAJAR TWP G-0490
CHIPMAN TWP G-0467
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0498
FERNOW TWP G-04
BAIN TWP G-0492
BICKLE TWP G-0476
Burrows Lake
584
CNR
ALFRED LAKE G-0189
LONGLAC AREA G-0
DALEY TWP G-0482
CAST KLE G-0220
LIORD TWP
Long Lake
Longlac
LAPONEN LAKE G-0300
FIRST 77
PAG LAKE G-0368
Pagwachuan Lake
825
CNR
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°45'
86°30'
86°00'
49°30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Tungsten in Lake Sediment
Approx %'ile
W (ppm) ICP
>99
>1.10
96-99
0.66-1.10
75-95
0.38-0.65
<75
<0.38
N
0
5
Kilometers

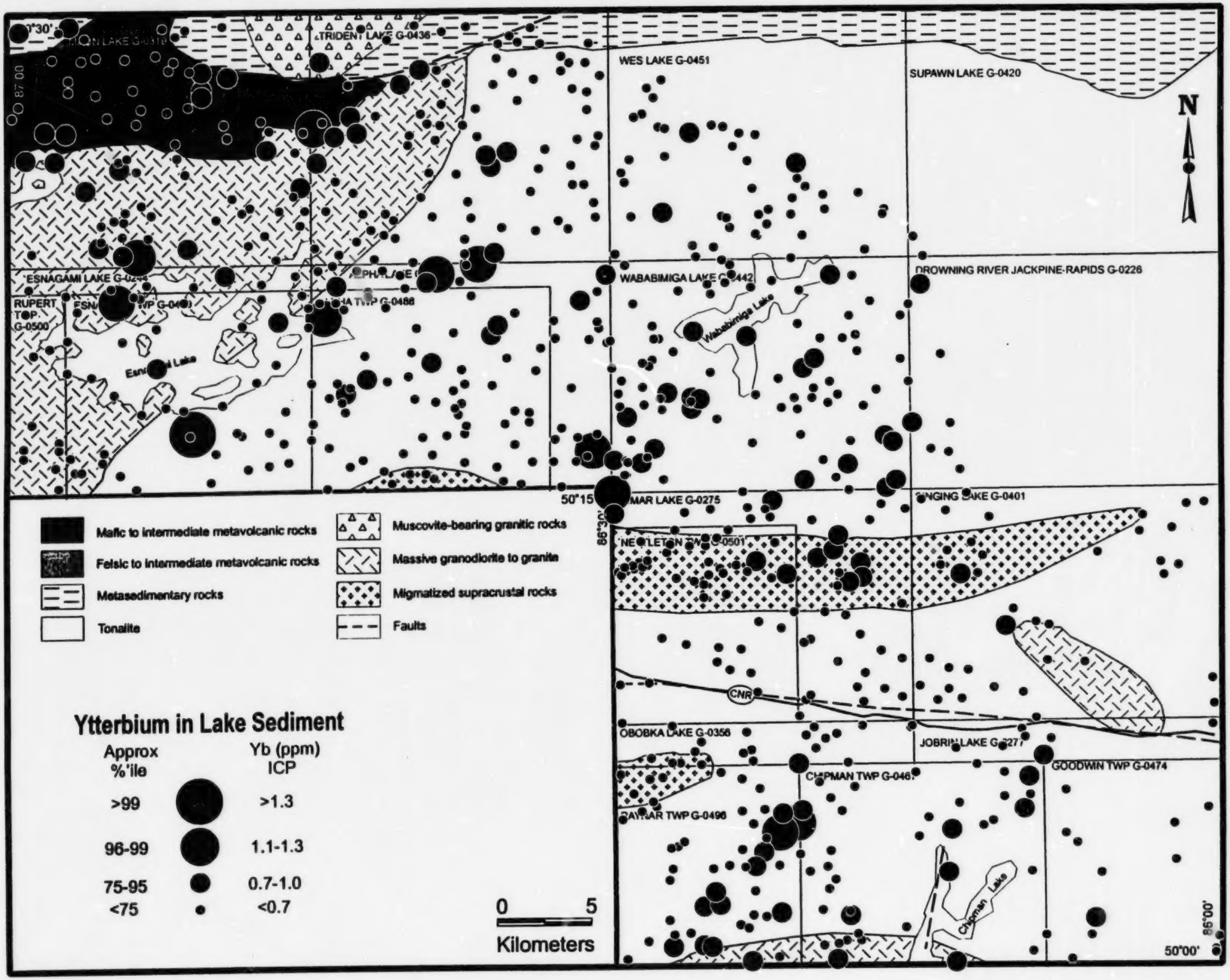

Tungsten in Lake Sediment
Approx %'ile
W (ppm) ICP
>99
>1.10
96-99
0.66-1.10
75-95
0.38-0.65
<75
<0.38
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
49°45'
85°30'
49°30'
GOODWIN TWP
FERNOW TWP
KLOTZ TWP
BARLOW TWP
SELWYN TWP
LOW TWP
HENDERSON TWP
BELL TWP
KOHLER TWP
MERCER TWP
HIAWATHA TWP
CLAVET TWP
DOWNER TWP
KLOTZ LAKE
First Lake
LOUGLAN LAKE G-310
THORNBER LAKE G-430
EAGER LAKE G-232
MANN LAKE G-318
LAURI LAKE G-333
11
CNR

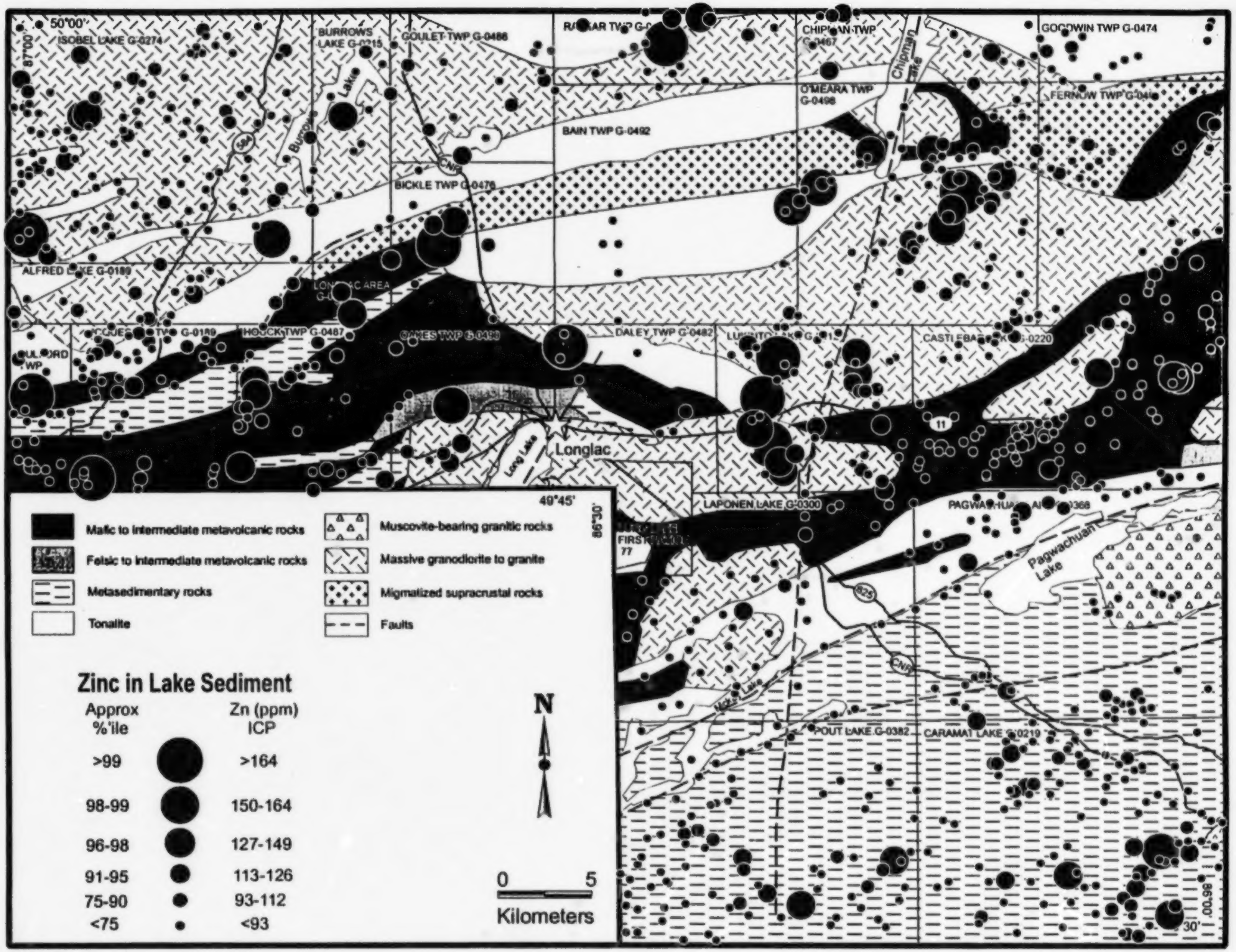

Tungsten in Lake Sediment
Approx %'ile
W (ppm) ICP
>99
>1.10
96-99
0.66-1.10
75-95
0.38-0.65
<75
<0.38
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
0
5
Kilometers
N
50°30'
87°00'
50°15'
86°30'
50°00'
86°00'
SUPAWN LAKE G-0420
WES LAKE G-0451
DROWNING RIVER JACKPINE-RAPIDS G-0226
WABABIMIGA LAKE
JEMAR LAKE G-0275
OBOBKA LAKE G-0356
JOBRIN LAKE
GOODWIN TWP G-0474
CHIPMAN TWP G-0465
CHIPMAN TWP G-0498
NAGAMI LAKE G-0244
G-0500
G-0488
Wababimiga Lake
Chipman Lake
CNR

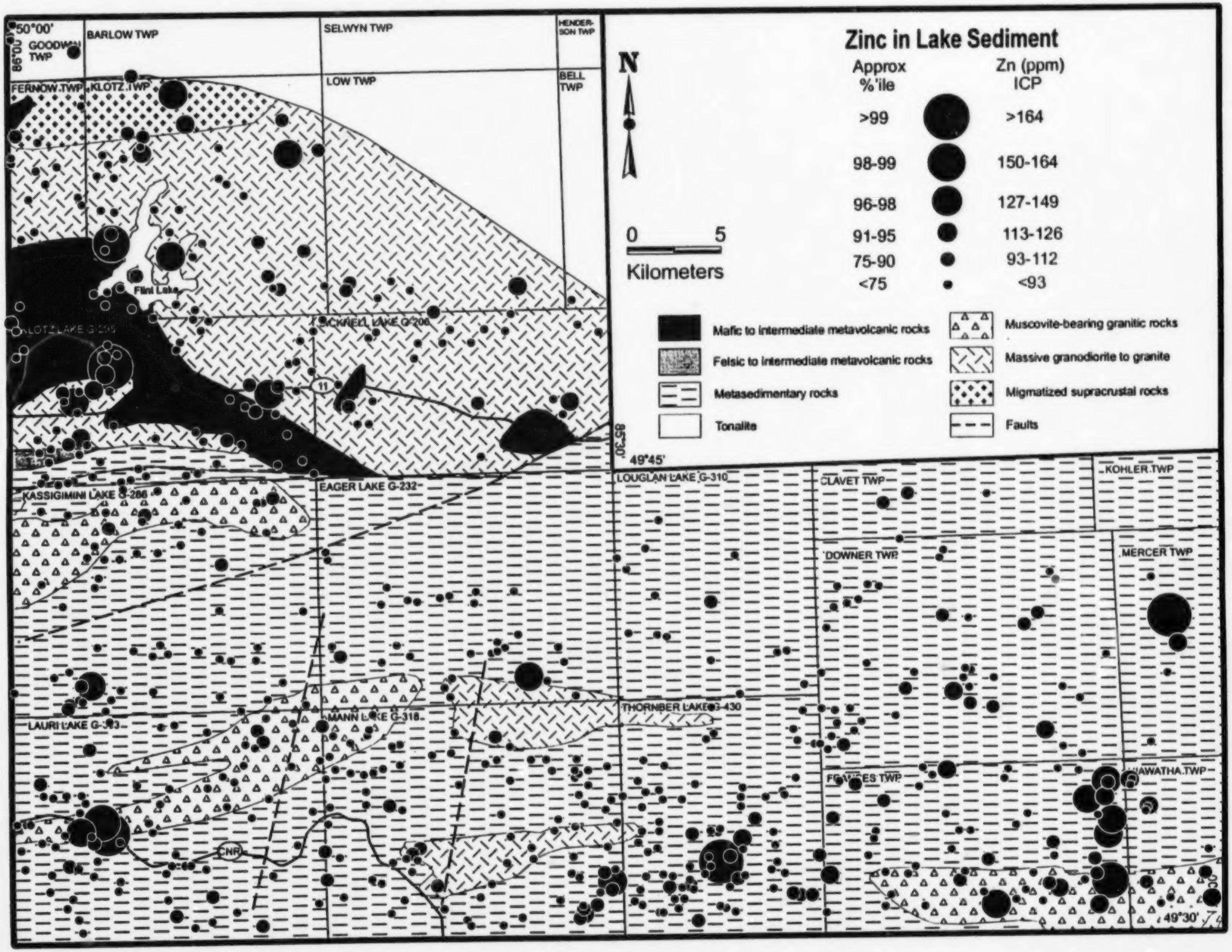
104

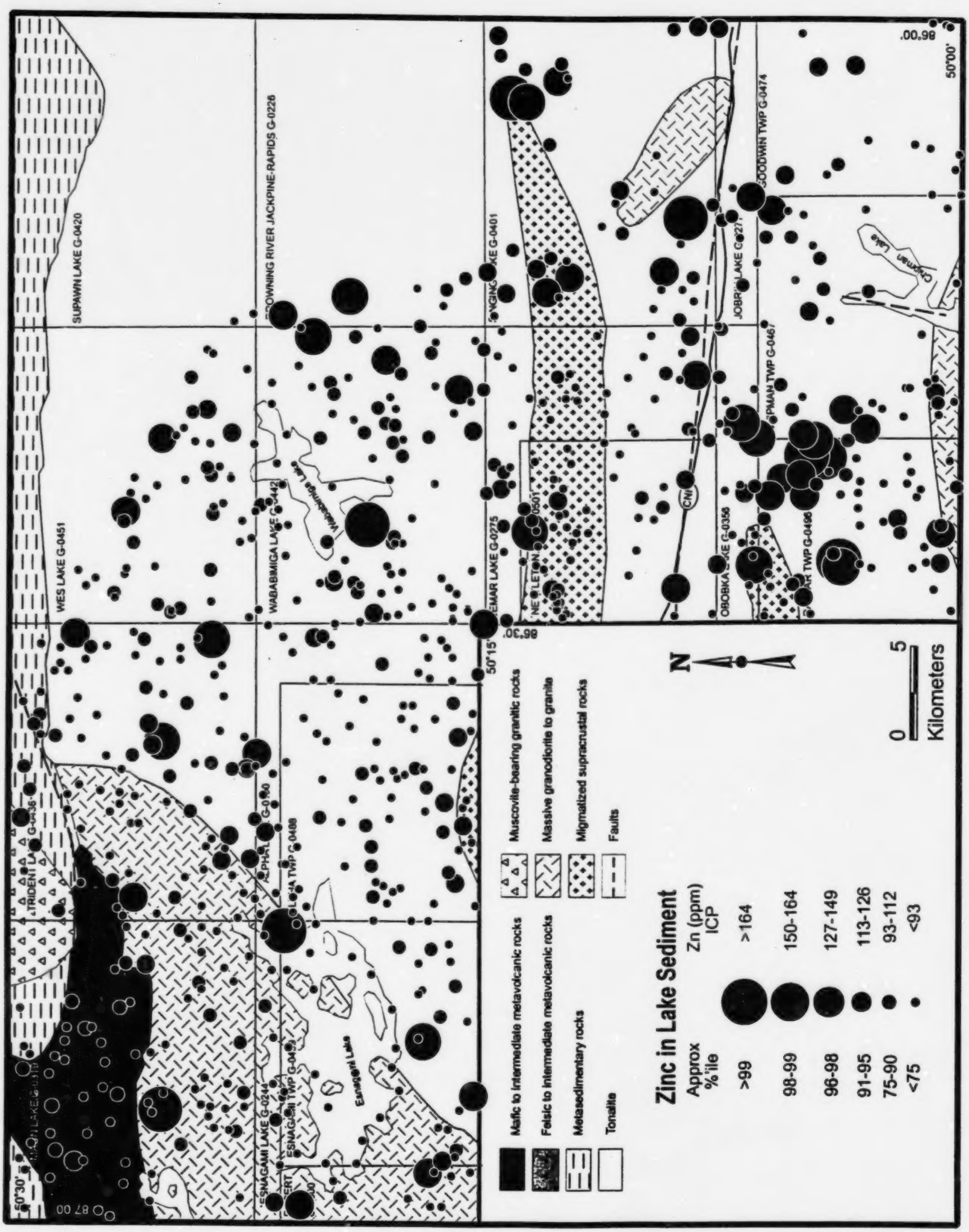

Ytterbium in Lake Sediment
Approx %'ile
Yb (ppm) ICP
>99
>1.3
96-99
1.1-1.3
75-95
0.7-1.0
<75
<0.7
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°00'
87°00'
49°45'
86°30'
86°00'
49°30'
ISOBEL LAKE G-0274
BURROWS LAKE G-0245
GOULET TWP G-0486
BICKLE TWP G-0470
BAIN TWP G-0492
O'MEARA TWP G-0498
CHIPMAN TWP
Chipman Lake
GOODWIN TWP G-0474
FERGUSON TWP
CASTLEBAR TWP G-0220
PAGWACHUAN
Pagwachuan Lake
LAPONEN LAKE
DALEY TWP G-0482
Longlac
Long Lake
LONGLAC AREA
HOOKS TWP G-0487
ALFRED LAKE
CARAMAT LAKE
TROUT LAKE G-0382
11
625


Ytterbium in Lake Sediment
Approx %'ile
Yb (ppm) ICP
>99
>1.3
96-99
1.1-1.3
75-95
0.7-1.0
<75
<0.7
N
0
5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW TWP
KLOTZ TWP
LOW TWP
BELL TWP
KLOTZ LAKE G-255
NICKNELL LAKE G-206
11
KASSIGIMINI LAKE G-286
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER TWP
DOWNER TWP
MERCER TWP
THORNBER LAKE G-430
LAURI LAKE G
MANN LAKE G-318
FRANCES TWP
HIAWATHA TWP
CNR


°30'
87°00'
LAKE G-0310
TRIDENT LAKE G-0436
WES LAKE G-0451
SUPAWN LAKE G-0420
N
ESNAGAMI LAKE G-0244
LAKE
DROWNING RIVER JACKPINE-RAPIDS G-0226
WABABIMIGA LAKE G-0442
Wababimiga Lake
RUPERT TOP. G-0500
ESN TWP G-04
TWP G-0488
Esn Lake
50°15'
86°30'
MAR LAKE G-0275
INGING LAKE G-0401
NE LET N TWP G-0501
CNR
OBOBKA LAKE G-0356
JOBRIN LAKE G-0277
GOODWIN TWP G-0474
CHPMAN TWP G-046
AYNAR TWP G-0496
Chipman Lake
50°00'
86°00'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Ytterbium in Lake Sediment
Approx %'ile
Yb (ppm) ICP
>99
>1.3
96-99
1.1-1.3
75-95
0.7-1.0
<75
<0.7
0
5
Kilometers


50°00'
87°00'
ISOBEL LAKE G-0274
BURROWS LAKE G-0215
GOULET TWP G-0486
RAMSAR TWP G-0
CHIPMAN TWP G-0467
Chipman Lake
GOODWIN TWP G-0474
O'MEARA TWP G-0498
FERNOW TWP G-04
BAIN TWP G-0492
Burrows Lake
BICKLE TWP G-0476
CNR
ALFRED LAKE G-0189
LONGLAC AREA
HOUCK TWP G-0487
OAKES TWP G-0488
DALEY TWP G-0482
CASTLEBAR LAKE G-0220
11
Longlac
Long Lake
LAPONEN LAKE G-0300
PAGWACHUAN LAKE G-0368
Pagwachuan Lake
FIRST NATION 77
625
POUT LAKE G-0382
CARAMAT LAKE G-0219
49°45'
86°30'
86°00'
30'
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
Zinc in Lake Sediment
Approx %'ile
Zn (ppm) ICP
>99 >164
98-99 150-164
96-98 127-149
91-95 113-126
75-90 93-112
<75 <93
N
0 5
Kilometers


Zinc in Lake Sediment
Approx %'ile
Zn (ppm) ICP
>99 >164
98-99 150-164
96-98 127-149
91-95 113-126
75-90 93-112
<75 <93
N
0 5
Kilometers
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
50°00'
86°00'
85°30'
49°45'
49°30'
GOODWIN TWP
BARLOW TWP
SELWYN TWP
HENDERSON TWP
FERNOW.TWP
KLOTZ.TWP
LOW TWP
BELL TWP
Flint Lake
KLOTZ LAKE G-205
ICKNELL LAKE G-208
11
KASSIGIMINI LAKE G-208
EAGER LAKE G-232
LOUGLAN LAKE G-310
CLAVET TWP
KOHLER.TWP
DOWNER TWP
MERCER TWP
THORNBER LAKE G-430
LAURI LAKE G-313
MANN LAKE G-318
FRANCES TWP
HIAWATHA.TWP
CNR


Zinc in Lake Sediment
Approx %'ile
Zn (ppm) ICP
>99 >164
98-99 150-164
96-98 127-149
91-95 113-126
75-90 93-112
<75 <93
Mafic to intermediate metavolcanic rocks
Felsic to intermediate metavolcanic rocks
Metasedimentary rocks
Tonalite
Muscovite-bearing granitic rocks
Massive granodiorite to granite
Migmatized supracrustal rocks
Faults
N
0
5
Kilometers
50°30'
87 00
50°15'
86 30'
50°00'
86 00'
SUPAWN LAKE G-0420
BROWNING RIVER JACKPINE-RAPIDS G-0226
WES LAKE G-0451
WABABMIGA LAKE G-0442
TRIDENT LAKE G-0436
ALPHA LAKE G-0180
OLGA TWP G-0488
ESNAGAMI LAKE G-0244
ESNAGAMI TWP G-0488
Esnagami Lake
LEMAR LAKE G-0275
NETTLETON G-0501
OBOBKA LAKE G-0356
JOBRIN LAKE G-0271
GOODWIN TWP G-0474
CHAPMAN TWP G-0467
TWP G-0490
Chapman Lake
CNR

APPENDIX C

Lake sediment analytical data for Lake Depth, LOI,
Ag, As, Au(FA), Au(INAA), Cr, Cu, Fe, Mo, Ni, Pb, Pd, Pt, PGEs, V and Zn

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
.	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1	517888	5527571	0.6	44.3	0.10	6.9	2	3	47	20	24520	1	28	8	1.5	0.9	2.7	36	100
2	517657	5528648	1	19.9	0.07	8.8	2	5	33	12	16820	0.6	20	7	<0.3	0.7	1.2	26	67
3	517922	5529880	2	15.8	0.06	5.4	2	3	33	13	18420	0.5	19	5	0.4	0.7	1.3	28	65
4	516343	5530498	3	11.3	0.09	4.5	<1	7	46	18	26770	0.5	29	7	<0.3	0.4	0.9	40	72
5	517830	5531928	3	14.1	0.09	3.9	2	3	54	19	32050	0.4	32	8	0.6	0.7	1.6	44	97
6	517247	5532899	3	9.5	0.06	4.6	<1	3	30	14	19610	0.7	20	6	<0.3	0.4	0.8	27	56
8	518988	5534263	3	11.9	0.07	7.4	2	5	48	16	32170	0.4	29	8	0.4	0.8	1.5	43	90
9	519726	5533181	7	21.7	0.1	6.4	2	4	53	19	42650	0.6	32	9	0.9	0.7	1.9	50	128
10	521272	5533552	1	52.1	0.08	5.5	2	5	32	22	16510	1.7	24	6	0.5	0.9	1.7	28	83
11	520426	5534545	4	3.8	<0.05	3.9	1	<2	38	19	23290	0.3	25	7	<0.3	0.7	1.2	37	53
12	521171	5537045	3	19.6	0.11	4.4	1	3	47	15	28340	0.5	28	7	<0.3	0.7	1.2	42	109
13	522608	5534500	3	18.0	0.09	5.5	5	6	46	15	29270	0.5	27	8	<0.3	0.3	0.8	39	105
15	524921	5532313	2	18.5	0.09	8.6	2	<2	47	17	28640	0.6	29	7	<0.3	0.8	1.2	40	105
16	526813	5530706	2	23.2	0.1	5.5	<1	5	49	18	28910	0.7	31	7	<0.3	0.9	1.3	41	116
17	528220	5531823	2	14.9	0.09	4.4	<1	<2	42	19	23970	0.7	27	7	<0.3	0.7	1.2	36	77
18	529005	5531113	2	4.2	<0.05	2.3	3	3	18	11	10750	0.5	12	4	<0.3	<0.3	<0.6	19	27
19	520482	5535844	1	19.5	0.07	6	1	3	39	23	22060	1	25	6	0.5	0.8	1.6	40	53
20	516788	5524503	1	51.2	0.07	10.1	1	3	32	17	17250	0.7	21	7	<0.3	0.7	1.2	27	65
21	516721	5523222	1	35.2	0.09	10.2	<1	<2	44	18	24060	0.6	27	9	<0.3	0.7	1.1	35	96
22	572678	5509466	4	7.3	<0.05	2.3	8	<2	18	8	8540	0.4	11	3	<0.3	<0.3	<0.6	16	22
23	572684	5510046	4	3.0	<0.05	1.9	1	3	13	3	5950	<0.2	6	2	<0.3	<0.3	<0.6	12	13
24	571606	5509750	10	3.2	<0.05	0.9	<1	2	36	6	13450	0.2	15	2	<0.3	0.5	0.9	26	32
25	570284	5509574	10	1.2	<0.05	2	<1	3	22	11	12660	<0.2	14	4	<0.3	<0.3	<0.6	23	27
26	569223	5509198	11	8.9	<0.05	1.1	2	<2	29	19	14660	0.4	19	4	<0.3	0.5	0.9	27	42
27	567612	5508562	10	8.6	<0.05	5.4	4	4	23	15	11250	0.7	14	5	<0.3	0.4	0.8	21	32
29	565257	5508579	5	2.9	<0.05	1	2	<2	18	4	7480	<0.2	8	<2	<0.3	<0.3	<0.6	15	16
30	536701	5492148	4	1.6	<0.05	2.3	<1	3	13	4	6150	<0.2	6	<2	1.8	<0.3	2.3	12	12
32	537918	5491681	6	25.5	0.06	4.7	2	4	55	25	18240	1.2	32	8	0.4	0.9	1.5	36	72
33	539570	5491936	3	26.0	0.09	5.7	<1	<2	55	28	18260	1.3	35	5	<0.3	0.9	1.3	34	65
34	541017	5493298	4	16.3	<0.05	5.1	<1	4	39	18	14270	0.7	24	6	<0.3	0.7	1.1	26	48
35	542067	5494185	4	25.2	0.09	3.6	<1	4	51	27	15860	1.4	33	5	<0.3	0.9	1.4	31	58
36	543526	5494770	3	41.1	0.06	4.4	1	4	58	36	16820	2	41	4	<0.3	0.8	1.3	32	68
37	545120	5495308	1	39.6	0.07	4.6	<1	5	39	30	14540	1.3	32	4	0.7	0.9	1.9	27	60
38	545707	5496448	3	42.1	0.07	6.1	<1	4	34	32	15250	2.5	33	4	0.7	0.9	1.8	25	59
39	546488	5495769	1	15.0	<0.05	4.4	<1	<2	21	19	11410	1.1	18	3	0.4	0.7	1.4	18	35
40	547763	5496289	1	25.6	<0.05	5.1	<1	<2	18	24	10400	1.6	19	3	0.4	0.6	1.4	15	37
41	549168	5497101	1	52.7	0.05	5.1	<1	3	30	22	11160	1.1	30	9	0.7	1.0	2.0	19	67
42	550360	5497495	1	51.1	0.06	5.9	1	2	33	28	13190	1.8	36	4	0.8	0.8	1.9	21	65
43	540485	5494352	2	21.9	0.09	4.1	<1	3	41	22	16690	1.2	30	4	0.4	0.7	1.4	29	55
44	541661	5495586	2	0.9	<0.05	3.1	<1	<2	18	10	10270	0.4	11	3	<0.3	0.6	1.1	19	21
45	542704	5497181	4	1.5	0.05	2.6	<1	3	24	14	13070	0.4	15	6	0.3	0.3	0.9	25	28
46	545040	5497556	1	4.3	0.07	3.2	<1	<2	52	28	28980	0.3	36	10	0.6	0.6	1.5	49	70
47	543134	5498389	1	44.5	0.07	5.3	2	2	29	23	13010	2.3	30	4	0.6	0.7	1.6	22	56
48	541162	5496510	3	3.4	0.08	5.9	1	2	48	27	27700	<0.2	34	10	0.6	0.6	1.5	43	65
49	538982	5495373	10	4.2	<0.05	0.6	<1	3	48	16	19920	<0.2	25	6	0.4	0.5	1.3	35	48
50	537559	5496028	2	50.1	<0.05	7.2	2	5	68	35	19400	2	48	3	0.7	4.5	5.5	38	71
51	537302	5494861	11	9.0	0.07	4.9	<1	4	80	20	24800	0.5	35	4	0.6	0.7	1.7	48	72
52	537454	5493913	8	1.7	<0.05	3.1	<1	2	14	3	7020	0.8	7	2	<0.3	<0.3	<0.6	13	13
53	552422	5532028	10	11.1	0.06	3.5	1	5	40	15	25550	<0.2	25	7	0.4	0.3	1.0	36	74
54	553125	5531209	11	12.3	0.08	4.7	2	4	45	18	28120	0.5	26	7	<0.3	0.6	1.0	41	85
55	552621	5529514	13	13.3	0.08	5.9	3	3	43	17	30090	0.3	27	8	0.4	0.4	1.1	40	84
56	553274	5533762	10	12.1	0.07	2.5	2	<2	36	15	21810	0.3	22	7	0.4	0.5	1.1	34	70
57	554039	5535900	10	8.7	0.05	2.7	3	8	35	13	22000	0.2	22	5	0.4	0.5	1.1	33	66
58	555719	5536946	10	6.5	0.06	2.4	2	6	30	10	18660	<0.2	18	5	0.4	0.4	1.1	28	54
59	555329	5538028	10	1.3	<0.05	1.3	<1	3	27	12	16400	0.3	18	5	<0.3	0.3	0.8	28	37
60	556206	5538065	3	14.2	0.05	5.3	8	3	37	16	18410	0.4	23	7	<0.3	0.7	1.2	30	64
61	554922	5538654	5	6.7	<0.05	3.6	<1	<2	37	14	25880	0.2	25	5	<0.3	0.3	0.8	37	70
62	554485	5539667	11	8.7	0.08	5.2	<1	<2	42	16	29170	0.3	28	8	<0.3	0.5	0.9	41	79
63	555519	5540043	3	0.5	<0.05	2.1	6	5	24	12	14880	0.2	16	5	<0.3	0.4	0.9	27	31
64	555968	5540119	3	1.3	<0.05	3.5	1	<2	17	6	10230	<0.2	10	4	<0.3	<0.3	<0.6	19	22
65	557215	5538895	2	1.5	<0.05	4.3	1	4	34	17	20240	<0.2	22	7	<0.3	4.8	5.3	34	44
66	558197	5540749	4	5.3	<0.05	3.2	2	4	29	10	18630	<0.2	18	5	2.3	0.4	3.0	28	50
67	558942	5542669	10	8.6	0.08	4.7	<1	4	43	15	28730	0.3	27	8	<0.3	<0.3	<0.6	41	81
68	555584	5541953	4	3.7	<0.05	4.6	2	<2	31	15	19600	0.3	20	6	<0.3	0.4	0.8	31	46
69	555726	5543421	10	19.2	0.06	3.5	2	5	37	14	23500	0.3	22	12	0.5	0.8	1.6	35	99
70	568206	5532944	2	5.6	<0.05	2	<1	<2	9	8	5680	0.4	7	<2	<0.3	<0.3	<0.6	9	16
71	568113	5531593	3	1.3	<0.05	3.9	<1	<2	41	21	23440	<0.2	27	8	<0.3	<0.3	<0.6	38	56
72	568450	5530061	10	3.8	<0.05	4.8	<1	5	19	12	13530	0.3	15	5	<0.3	<0.3	<0.6	19	32
73	567864	5529364	12	4.8	<0.05	4.9	<1	4	26	14	18240	0.2	20	6	<0.3	<0.3	<0.6	27	48
74	567151	5527879	14	4.2	0.05	2.5	<1	4	20	12	14070	<0.2	14	5	<0.3	<0.3	<0.6	22	36
75	566356	5526985	7	6.9	0.09	1.5	<1	5	20	8	12240	<0.2	12	4	<0.3	0.4	0.8	20	30
76	564147	5507512	10	2.9	<0.05	3.7	<1	<2	43	23	24520	<0.2	29	9	<0.3	<0.3	<0.6	41	59
77	561551	5506289	7	7.2	<0.05	6.5	<1	2	18	6	8680	0.2	9	2	<0.3	0.3	0.8	17	19
78	559569	5505063	10	7.8	<0.05	3.3	<1	5	24	18	13040	0.7	16	5	<0.3	<0.3	<0.6	22	37
79	560332	5503438	5	2.2	<0.05	1.2	<1	4	12	4	6340	<0.2	7	3	<0.3	<0.3	<0.6	13	14
80	562146	5503690	8	7.9	0.05	5.3	1	5	23	15	11410	0.5	15	4	<0.3	<0.3	<0.6	23	33
81	564486	5505735	7	2.0	<0.05	<0.5	<1	3	12	4	6530	<0.2	6	3	<0.3	<0.3	<0.6	13	13
82	548931	5516530	4	6.2	<0.05	3.8	<1	3	3	4	1780	0.6	2	<2	<0.3	<0.3	<0.6	3	6

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units-------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
83	549539	5517849	10	6.4	<0.05	<0.5	<1	<2	1	3	843	0.5	2	<2	<0.3	<0.3	<0.6	1	4
84	549645	5519341	9	5.2	<0.05	3.5	<1	4	1	2	696	0.5	1	<2	<0.3	<0.3	<0.6	1	4
85	549323	5520210	10	10.2	<0.05	4.8	<1	4	11	6	5480	0.9	14	4	0.4	0.5	1.2	10	23
86	548111	5519737	2	39.2	<0.05	7.1	<1	5	6	9	3190	1.6	4	<2	0.5	0.6	1.3	6	27
87	548396	5520062	9	33.9	<0.05	10.5	<1	5	6	12	4040	2	5	4	0.6	0.7	1.5	9	27
88	547530	5519496	4	9.9	<0.05	4.4	<1	4	3	5	2040	0.5	3	<2	<0.3	<0.3	<0.6	4	8
89	547119	5518798	3	6.9	<0.05	1	<1	2	1	8	708	<0.2	<1	<2	<0.3	<0.3	<0.6	1	13
90	545780	5519398	10	16.2	<0.05	14.5	<1	4	7	9	7950	0.7	6	5	0.6	0.6	1.5	14	20
91	546133	5520574	10	17.1	<0.05	13.7	2	8	14	12	19020	1	34	5	0.5	0.8	1.6	27	27
92	568933	5522202	1	17.4	<0.05	2.6	<1	4	20	12	10910	0.8	13	6	<0.3	0.4	0.8	18	35
93	570014	5522344	2	9.4	<0.05	1.3	<1	5	16	9	8720	0.5	10	4	<0.3	<0.3	<0.6	16	27
94	569255	5521274	7	16.7	0.08	3.8	<1	3	32	18	21260	0.7	22	10	0.3	0.7	1.4	31	64
95	568651	5519990	8	7.9	0.05	3.1	<1	5	23	13	17150	0.3	16	6	<0.3	<0.3	<0.6	24	41
96	567731	5519956	5	1.5	<0.05	2.6	<1	3	22	10	14720	<0.2	14	3	<0.3	<0.3	<0.6	24	30
97	568591	5518600	5	13.8	<0.05	4	<1	4	30	16	19970	0.3	21	8	<0.3	0.5	1.0	29	59
98	567017	5517627	8	9.9	<0.05	2.2	<1	6	22	11	14650	0.3	14	6	<0.3	0.3	0.8	23	39
99	567046	5518382	10	17.1	0.06	3	5	5	28	16	18560	0.5	19	11	<0.3	0.6	1.0	28	55
100	566564	5522223	10	13.8	0.05	3	3	3	32	13	24490	0.3	21	9	0.3	0.7	1.3	29	67
101	565202	5521763	10	2.5	<0.05	3.1	<1	7	37	21	23870	<0.2	28	9	0.3	0.4	1.0	37	54
102	563650	5521174	11	7.1	<0.05	3.7	<1	2	23	10	19800	0.3	15	6	<0.3	<0.3	<0.6	22	46
103	563091	5520384	8	8.7	<0.05	<0.5	<1	6	23	8	18490	<0.2	14	6	<0.3	<0.3	<0.6	22	44
104	564498	5520413	9	10.4	0.06	8.1	3	17	33	13	29680	0.3	24	7	<0.3	0.5	0.9	32	67
105	565685	5520841	14	16.6	0.08	2.9	1	2	42	19	30420	0.5	27	11	<0.3	0.7	1.2	37	93
106	566527	5520790	8	26.2	0.07	3.9	1	5	24	22	21320	1.9	18	8	0.4	0.7	1.5	31	57
107	566874	5521670	8	6.9	<0.05	<0.5	<1	<2	25	10	18050	0.2	16	6	<0.3	0.3	0.8	24	45
108	577479	5517207	8	14.0	<0.05	4.4	<1	5	29	12	32690	0.2	22	7	<0.3	0.7	1.1	30	62
109	579623	5517419	8	1.3	<0.05	1.4	<1	3	7	1	4120	<0.2	4	<2	<0.3	<0.3	<0.6	8	10
110	582061	5517438	9	1.8	<0.05	3	<1	3	10	3	6850	<0.2	6	3	<0.3	<0.3	<0.6	11	13
111	584018	5517370	8	5.7	<0.05	1.2	<1	4	18	7	15050	<0.2	12	4	<0.3	<0.3	<0.6	21	35
112	583617	5518213	5	9.2	<0.05	1.9	<1	4	20	7	15790	<0.2	12	5	<0.3	<0.3	<0.6	21	41
113	584618	5519029	6	1.4	<0.05	2.8	<1	5	30	16	17900	<0.2	20	7	<0.3	<0.3	<0.6	32	40
114	584442	5519921	10	8.0	0.17	3	<1	6	20	7	13190	<0.2	11	6	<0.3	<0.3	<0.6	21	38
115	539003	5505171	1	47.1	0.05	2.3	1	4	19	21	9250	2.3	18	4	0.5	0.5	1.2	18	70
116	540825	5502890	8.7	29.8	0.05	3.8	1	5	21	17	9590	1	13	6	0.4	0.6	1.2	23	47
117	540561	5502126	5	23.8	<0.05	2.1	2	<2	18	13	10020	0.7	11	2	0.4	0.6	1.3	18	40
118	543228	5498811	1	50.6	<0.05	4.7	<1	<2	23	21	10590	2	43	3	0.4	0.4	1.1	17	53
119	544372	5499975	0.8	81.4	<0.05	1.4	2	<2	6	12	1750	2.9	9	<2	0.5	0.7	1.6	5	75
120	542835	5501227	3.3	43.9	0.06	3.7	Inf	3	21	21	9660	1.4	19	3	Inf	Inf	Inf	19	56
121	543056	5502414	4.3	26.4	0.06	3.2	2	4	25	15	10920	0.5	16	4	0.5	0.8	1.6	21	55
122	542519	5503214	1.5	67.9	0.07	15	2	4	12	58	10310	4.7	31	<2	0.6	0.8	1.6	11	88
123	540700	5504611	1.2	49.1	<0.05	2.6	1	4	18	21	8840	1.4	12	3	0.4	0.5	1.2	14	47
124	542893	5505553	1.3	71.4	0.05	1.3	<1	3	8	20	3630	2.2	8	<2	<0.3	0.4	0.9	10	60
125	544395	5505432	5	70.1	0.06	2.4	2	5	13	26	7300	7.9	47	3	0.7	0.6	1.6	16	60
126	545176	5502072	1.2	81.3	0.05	2.9	<1	2	6	18	2020	2.3	11	2	0.5	0.6	1.4	5	73
127	547515	5502800	20	15.6	0.05	12.6	<1	6	31	13	32030	0.4	20	6	0.4	0.4	1.1	38	57
128	547122	5503961	10	18.1	<0.05	26	1	5	38	16	44960	0.5	29	8	0.5	0.8	1.6	51	74
129	547449	5505084	11	12.2	<0.05	5.1	<1	4	27	10	20200	<0.2	14	6	0.4	0.4	1.1	30	44
130	546228	5504980	5	84.1	0.06	4.6	2	4	12	35	16730	4	16	3	0.4	0.8	1.5	9	100
131	545523	5506355	11.6	26.0	0.07	1	3	4	25	29	11570	2	13	5	0.5	0.7	1.5	30	61
132	525773	5512963	1.7	70.1	<0.05	4.4	<1	5	10	17	4810	2.1	12	3	<0.3	<0.3	<0.6	9	99
133	524931	5512548	0.4	87.1	0.05	3.5	<1	3	5	14	1640	4.8	8	2	0.5	0.4	1.2	5	84
134	522220	5511369	1.4	75.5	<0.05	4.3	<1	3	12	24	5210	5.8	31	3	0.4	0.5	1.2	9	116
135	520847	5512436	0.9	43.6	<0.05	4.8	1	<2	13	16	10090	1.7	17	6	0.4	0.4	1.0	12	83
136	521447	5512557	1	43.4	<0.05	3.5	4	<2	21	11	9070	1.2	19	5	0.3	0.3	0.9	15	97
137	523671	5513014	0.4	50.5	0.05	4.7	1	<2	16	18	8560	3.2	21	3	0.4	0.6	1.3	13	108
138	526881	5513481	1.4	53.0	0.06	5.7	<1	3	26	19	12820	2.2	22	5	0.4	0.7	1.5	20	113
139	526142	5512405	1.7	51.4	0.06	3.4	5	5	21	20	10900	2.3	18	4	0.4	0.9	1.6	18	126
140	522528	5515064	1.4	74.9	0.06	4.3	1	5	8	20	4030	4.5	11	4	0.6	0.5	1.4	10	90
141	518211	5512842	2.8	4.9	<0.05	5	2	<2	17	8	9000	0.5	10	3	<0.3	<0.3	<0.6	18	24
142	518866	5512067	1.7	46.4	0.08	29.8	11	3	35	38	20160	2.8	37	6	1.1	1.0	2.4	34	102
143	519654	5511679	1	70.9	<0.05	6	2	3	9	11	4110	1.3	13	5	<0.3	0.5	0.9	7	60
144	518023	5510795	2.4	58.3	0.08	59.5	6	3	23	56	16880	2.6	37	5	1.8	1.3	3.4	29	111
145	517888	5511834	2.2	29.4	0.08	28	8	4	36	23	17570	0.8	24	5	0.6	0.8	1.7	26	70
146	517027	5514242	1.1	80.5	0.06	Inf	2	inf	5	12	2920	2.8	8	12	<0.3	0.4	0.9	6	89
147	537104	5503171	1.2	45.6	0.07	5.4	2	2	23	19	10940	1.3	21	4	<0.3	0.5	0.9	20	89
148	536775	5501788	1.2	46.0	0.07	4	1	3	22	21	9960	1.8	19	3	<0.3	0.5	0.9	19	85
149	537742	5499357	2	79.2	0.08	8	Inf	2	13	28	5490	2.9	14	5	Inf	Inf	Inf	10	54
150	538854	5497542	1.5	66.3	0.08	18	1	<2	24	32	4880	2.7	47	<2	0.8	0.6	1.7	15	76
151	537846	5489485	3	28.8	0.08	1.2	<1	4	31	27	9300	0.9	20	3	0.7	0.8	1.7	21	44
152	537549	5488372	5.2	63.1	0.11	2.8	1	<2	30	58	6580	2.2	38	2	0.8	0.8	1.9	20	66
153	537272	5487913	3	56.4	0.14	11	1	3	48	54	15190	1.2	40	4	1.3	0.8	2.4	37	76
154	536307	5487414	14	58.3	0.11	12.9	<1	<2	38	58	12980	3.3	37	8	0.3	<0.3	0.8	36	67
155	536804	5486976	7	68.1	0.09	17.9	Inf	2	23	67	12680	4.4	26	10	Inf	Inf	Inf	35	71
156	536785	5486142	7.5	78.5	0.09	18.7	Inf	3	21	112	12720	10.1	28	6	Inf	Inf	Inf	29	81
157	536620	5485381	11.8	23.0	0.08	13	1	5	16	69	7750	3.9	14	2	2.5	1.2	4.0	22	36
158	536647	5483845	7	80.9	0.07	44.2	Inf	<2	19	36	7500	5.5	14	3	Inf	Inf	Inf	22	76
159	537278	5483768	7	51.7	0.09	12.3	1	5	34	42	19090	2.2	22	8	1.1	0.9	2.3	33	56
160	540094	5483348	4	39.0	0.1	1.6	<1	<2	31	30	9310	1.7	28	4	<0.3	0.7	1.1	19	64

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method---------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
161	541531	5483636	2	38.9	0.07	2.3	<1	5	28	22	8870	0.9	22	4	<0.3	0.7	1.1	14	55
162	542069	5483372	1	59.5	0.08	6.2	1	<2	25	36	8110	2.2	38	2	0.5	0.8	1.6	11	59
163	548919	5484232	3	35.1	0.06	1.4	1	3	25	14	6450	0.8	22	3	<0.3	0.6	1.0	12	48
164	549201	5484749	0.3	38.4	0.07	3.9	1	4	27	30	7940	1.5	23	4	0.7	0.7	1.7	14	59
165	551799	5484593	11	26.1	0.11	2.8	1	2	45	34	18400	1.2	30	5	1.0	0.9	2.2	38	87
166	552256	5484141	18	36.1	0.14	4.9	1	3	46	41	13930	1.6	30	8	0.9	0.7	1.9	38	90
167	557869	5484380	1.5	66.0	<0.05	3.9	<1	<2	20	19	4740	3.9	34	2	0.3	0.4	1.1	10	63
168	560156	5483818	3	11.2	<0.05	5.2	<1	4	17	15	9500	0.9	16	3	<0.3	0.3	0.8	14	35
169	562871	5484190	8.5	35.1	0.08	2.2	1	4	35	28	13020	1.1	23	8	0.6	0.7	1.5	27	89
170	566407	5483821	12.8	63.6	0.13	4.2	<1	<2	28	28	8140	1.7	21	5	0.6	0.6	1.6	23	91
171	566817	5483775	11.5	59.7	0.1	18	1	3	15	28	23480	4.7	14	33	0.6	0.7	1.6	19	96
172	567554	5483738	4.5	38.6	0.1	4.4	3	<2	40	23	20170	1.1	24	7	0.5	0.5	1.3	32	96
173	571616	5484799	0.6	21.8	<0.05	2.8	<1	7	4	14	4710	2	12	3	0.5	<0.3	0.9	4	36
174	575563	5483925	0.7	25.0	<0.05	4.8	<1	4	22	15	9140	1.9	17	3	0.4	0.3	1.1	15	71
175	575352	5484680	1	76.2	0.06	2.9	<1	<2	15	36	8320	4.3	51	3	0.7	4.0	5.1	7	84
176	582454	5484093	2	80.5	<0.05	7.2	<1	4	6	23	3490	5	18	3	0.3	0.5	1.2	8	90
177	583501	5484454	1	50.8	<0.05	13.1	<1	5	7	22	10150	3.8	21	3	0.5	0.4	1.2	7	84
178	584955	5485040	1	52.5	0.05	4	1	5	19	22	7200	1	25	4	0.5	0.4	1.2	11	64
179	586625	5484232	18	47.2	0.11	2.1	1	<2	37	27	12860	1	24	7	0.5	0.5	1.3	26	96
180	589918	5485544	11	12.6	0.08	2.9	1	3	39	18	20680	0.3	27	6	<0.3	0.4	0.9	33	80
181	591450	5485903	0.6	63.5	0.06	3.4	1	4	36	31	6010	1.8	49	4	0.5	0.4	1.2	13	87
182	593201	5486894	2	63.6	0.05	3.8	<1	5	14	22	4470	2.6	23	3	0.4	0.3	1.0	10	82
183	593753	5486715	2	65.6	0.05	2.5	<1	5	6	22	2240	4.1	14	3	<0.3	0.4	0.9	7	90
184	594391	5484829	1.5	71.3	<0.05	2.3	Inf	<2	14	21	5810	3.4	21	3	Inf	Inf	Inf	11	49
185	595118	5485612	1	82.1	0.05	<0.5	Inf	5	7	17	1970	2.9	11	<2	Inf	Inf	Inf	7	74
186	597576	5485047	1.5	64.6	<0.05	1.6	<1	4	19	22	6450	2.2	33	2	<0.3	0.6	1.0	10	85
187	598989	5484374	0.5	68.7	<0.05	3	1	3	24	23	7290	1.3	28	4	0.6	0.4	1.2	12	78
188	599155	5484010	0.3	57.2	0.05	2.3	1	4	16	39	7180	4.6	37	4	0.6	0.6	1.4	12	74
189	601203	5484090	5.2	25.5	<0.05	1.7	1	3	31	10	11390	0.4	15	8	<0.3	0.3	0.8	19	62
190	602293	5484500	4	15.6	0.07	1.7	<1	2	39	14	24810	0.5	24	6	<0.3	0.4	0.9	33	90
191	603592	5486768	4.2	9.4	<0.05	2.5	<1	4	26	10	17660	0.3	17	5	<0.3	0.4	1.2	24	57
192	604670	5485581	1.5	51.0	<0.05	4.5	1	5	15	15	6850	1.9	19	5	<0.3	<0.3	<0.6	12	70
193	605887	5484449	4.2	88.1	<0.05	<0.5	Inf	6	6	9	1670	1.1	6	6	Inf	Inf	Inf	7	101
194	606170	5484676	2	78.3	0.06	2.1	<1	4	16	16	4020	2	10	4	<0.3	0.4	0.8	16	123
195	606124	5485034	2	76.3	0.06	3.1	<1	5	13	15	5660	2.8	10	5	<0.3	0.4	0.8	17	98
196	605975	5485211	6.6	67.4	0.07	1.4	<1	<2	21	21	6310	2.5	13	4	0.7	0.5	1.5	21	67
197	606898	5485328	1.6	56.9	<0.05	9.7	Inf	5	15	17	16830	6.5	13	5	Inf	Inf	Inf	17	106
198	606992	5486025	1	77.9	0.05	2.7	Inf	4	8	11	2410	3.9	6	3	Inf	Inf	Inf	12	75
199	607911	5486253	1.5	66.1	<0.05	2.9	<1	3	10	14	5670	4.2	10	3	0.4	0.4	1.1	12	93
200	607809	5486676	1	77.3	0.07	3.9	Inf	5	21	17	4080	3.4	14	6	Inf	Inf	Inf	16	132
201	607973	5487329	1.6	73.7	0.05	4.4	<1	3	13	34	5790	8.5	12	3	<0.3	<0.3	<0.6	18	81
202	607397	5487284	3.3	81.1	0.05	<0.5	Inf	5	12	13	3460	1.2	9	4	Inf	Inf	Inf	13	100
203	605829	5486974	1.5	86.0	<0.05	1.7	Inf	5	4	7	1120	3.3	6	3	Inf	Inf	Inf	2	60
204	605314	5487182	0.6	44.4	<0.05	4.1	<1	<2	24	10	11830	0.8	13	4	0.4	0.4	1.0	14	66
205	602989	5488032	1	42.0	0.05	3	1	2	23	17	8260	0.9	24	4	1.2	<0.3	1.6	13	55
206	601431	5487807	1	68.6	<0.05	2.7	<1	4	18	22	4700	2.7	32	2	<0.3	0.6	1.1	8	70
207	600412	5486577	1	62.8	<0.05	1.9	2	4	14	18	4140	2.7	23	2	0.7	0.6	1.6	7	57
208	599794	5485752	1	56.2	<0.05	<0.5	1	4	24	19	9310	1.9	25	4	0.5	0.7	1.5	14	79
209	597255	5486605	1	82.3	<0.05	3.3	Inf	6	5	24	1960	3.5	9	4	Inf	Inf	Inf	5	106
210	595576	5487366	2	76.6	<0.05	5.6	Inf	4	10	20	8780	2.3	12	2	Inf	Inf	Inf	10	76
211	594454	5487911	1.5	62.4	0.06	2	1	2	15	29	5300	3.8	28	3	0.5	0.5	1.4	13	83
212	590548	5487045	11	19.7	0.1	3.7	<1	4	46	23	24830	0.5	31	8	0.5	0.4	1.2	38	96
213	587192	5487233	5	26.0	0.08	4.3	<1	3	30	31	14100	0.9	20	5	<0.3	0.3	0.8	23	41
214	588726	5489092	1	86.8	<0.05	1.5	<1	3	5	6	4860	0.6	5	5	0.4	0.4	1.1	4	45
215	590462	5488748	3	29.2	0.11	3.2	<1	<2	52	26	17610	0.7	33	7	0.3	0.3	1.0	28	95
216	591231	5488288	1	28.1	0.05	3.1	<1	<2	26	17	11590	0.4	21	6	0.4	0.8	1.5	18	54
217	590478	5490353	6	25.7	0.1	3.4	<1	4	49	24	19910	0.6	30	6	0.4	0.4	1.1	35	91
218	590675	5491474	3	44.3	0.09	2.8	<1	<2	33	32	9590	1.3	34	3	<0.3	0.4	0.9	17	77
219	592851	5491542	4	55.7	0.08	4.4	1	<2	20	38	7980	3.8	35	3	0.7	0.4	1.4	16	60
220	592879	5492354	3	54.4	0.07	6.6	1	4	24	36	8890	2.9	38	3	0.6	0.4	1.3	14	64
221	594379	5491563	20	40.9	0.19	12.5	1	<2	49	45	36630	2.7	42	13	1.2	0.5	2.0	40	100
222	595068	5491243	1	29.4	0.09	1.7	1	3	19	52	5080	3	34	3	1.1	<0.3	1.6	8	36
223	595308	5488183	3	64.5	0.06	5.3	1	5	34	38	7760	1.9	31	4	0.6	0.4	1.3	17	79
224	595691	5488509	5	41.6	0.07	6.2	1	4	34	23	12560	0.9	26	5	0.5	0.6	1.4	21	97
225	595965	5488066	7	73.8	0.05	2.6	Inf	3	13	13	3870	1.8	11	3	Inf	Inf	Inf	11	50
226	596192	5488896	10	43.1	0.11	2.7	1	<2	44	35	20890	1.7	27	7	0.8	0.6	1.7	39	107
227	601642	5489509	5	65.2	<0.05	2.5	<1	2	9	18	3300	3.1	18	2	0.6	0.6	1.5	7	60
228	602925	5488826	5	67.3	0.09	3.6	<1	5	22	31	8230	2.1	28	2	0.6	0.7	1.6	16	61
229	603024	5488025	6	43.9	0.05	1.7	1	5	23	16	8340	0.9	23	4	0.4	0.3	1.0	14	54
230	604235	5489788	1	53.3	0.07	4.5	1	4	24	51	13900	5.2	45	2	1.1	0.6	1.9	20	71
231	605446	5488146	2	57.0	<0.05	5.9	<1	6	12	20	6400	2.6	17	5	0.3	<0.3	0.8	11	81
232	607533	5488780	1	50.1	<0.05	3.4	1	3	16	11	6740	1.1	13	3	<0.3	<0.3	<0.6	10	61
233	608051	5490262	1	67.3	0.08	3.7	3	4	12	50	8070	5.8	32	4	<0.3	<0.3	<0.6	17	88
234	607344	5491091	1	87.6	<0.05	4.6	<1	<2	4	11	1670	3.4	10	<2	<0.3	0.4	0.8	5	74
235	606076	5491486	1	74.2	0.09	2.5	1	2	16	51	2960	2.1	37	<2	0.8	0.4	1.5	9	58
236	605579	5490028	2	58.1	<0.05	4.6	<1	<2	13	20	6310	2.3	29	4	0.4	0.3	1.0	9	82
237	604548	5490521	2	52.2	0.07	1	<1	5	27	22	7670	1.2	31	3	0.5	0.4	1.2	13	61
238	601088	5490801	0.2	52.8	<0.05	4.3	<1	4	12	22	5440	3	22	5	0.4	<0.3	0.8	10	65

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method----------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
239	598552	5492743	1	62.0	<0.05	3.8	<1	3	9	21	6600	1.6	8	8	0.5	0.3	1.1	6	34
240	594952	5493970	1	45.7	0.05	5	<1	5	21	32	5430	1.8	34	<2	0.4	<0.3	0.9	14	52
241	593898	5493704	1	55.0	0.1	11.7	1	2	31	63	16920	3.8	50	9	1.4	0.5	2.2	28	85
242	593325	5493530	1	45.4	0.09	5.5	<1	<2	39	42	10240	2.6	44	2	0.7	<0.3	1.2	24	67
243	592740	5493448	2	45.4	0.1	5.1	<1	<2	48	46	8800	1.9	54	4	0.7	<0.3	1.1	22	67
244	591880	5493502	11	51.6	0.11	6.8	6	3	42	50	9000	2.2	36	4	0.7	0.4	1.4	21	90
246	589595	5491185	2	60.8	0.06	4.7	<1	7	16	32	5360	3.7	36	2	0.6	<0.3	1.1	11	81
247	538329	5502793	3.5	36.5	0.09	6.6	1	<2	18	24	8270	1.1	15	3	<0.3	<0.3	<0.6	13	60
248	539243	5500552	2	50.3	0.06	9.9	1	4	27	24	13690	3.6	21	5	0.4	<0.3	0.9	23	62
249	537640	5505258	1.8	69.2	<0.05	4.8	<1	5	5	22	1690	2.6	17	2	<0.3	<0.3	<0.6	4	70
250	539883	5497692	8	58.4	0.11	9.2	<1	<2	34	52	11290	2.1	47	2	1.1	1.1	2.4	30	74
251	538651	5489784	6	50.3	0.14	<0.5	<1	<2	53	60	16930	1.4	38	5	1.5	<0.3	1.9	45	81
252	538688	5487449	2.5	47.1	0.1	<0.5	<1	3	40	67	7920	2.1	48	<2	1.6	<0.3	2.1	24	58
253	539085	5486876	2.5	67.7	<0.05	2.3	<1	5	13	23	4560	2.9	35	2	0.6	<0.3	1.0	8	66
254	538092	5486527	2	72.5	0.05	1	inf	<2	14	40	3460	3.9	37	2	inf	inf	inf	14	53
255	537311	5485174	7	56.5	0.13	0.8	<1	5	46	53	12190	1	40	4	0.9	<0.3	1.3	33	69
256	538759	5484507	11	40.5	0.11	6.6	<1	4	42	37	20180	1.4	21	7	1.2	0.3	1.8	38	54
257	538896	5485280	7	44.0	0.09	10.3	<1	<2	33	49	13140	1.5	31	5	1.7	0.3	2.3	31	64
258	540167	5485525	7	44.6	0.09	3.7	<1	4	31	36	8780	1.9	29	6	0.7	<0.3	1.1	20	50
259	541836	5486106	2.5	58.0	0.07	10.9	<1	4	21	35	10840	3.5	31	5	0.7	0.7	1.7	15	51
260	542859	5485336	6	59.7	0.12	3.7	1	4	36	46	5920	2.5	44	5	0.6	<0.3	1.1	18	69
261	543912	5484868	3	44.4	0.1	3	<1	4	29	32	6540	1	29	2	0.5	<0.3	1.0	15	52
262	545960	5484746	2	61.7	0.09	4.1	1	4	22	58	4170	4	47	3	0.7	<0.3	1.1	11	50
263	547134	5485568	19	37.0	0.26	5.8	1	6	46	53	33520	1.4	33	11	1.5	0.7	2.5	67	132
264	548101	5486396	6.5	33.0	0.13	3.8	<1	<2	48	38	12470	1	28	6	0.6	<0.3	1.1	24	79
265	550152	5485966	2.6	66.2	0.09	1.6	<1	5	16	41	4190	3.9	38	4	<0.3	<0.3	<0.6	7	57
266	550729	5485290	0.4	43.5	0.07	6.2	1	6	14	66	8460	5.7	38	4	0.7	0.4	1.4	11	48
267	553027	5485731	1	33.5	0.1	1	<1	<2	35	35	9520	1.7	29	5	0.6	0.4	1.3	19	59
268	558054	5484818	4	28.7	0.07	4.5	1	<2	39	24	16230	0.6	26	5	0.5	0.7	1.5	29	94
269	559386	5485593	15	36.4	0.09	2.1	1	7	37	27	18020	0.9	21	7	0.5	0.6	1.4	41	80
270	561794	5485501	4	53.0	0.1	2.8	2	<2	30	39	8570	1.5	25	5	0.5	0.7	1.5	21	86
271	563374	5485682	1	56.1	0.07	1.8	<1	3	17	28	4490	2	26	3	<0.3	0.6	1.1	8	56
272	564869	5484925	1.5	65.1	0.06	2.3	<1	3	21	21	5500	2	21	4	<0.3	0.5	1.0	10	80
273	565929	5485335	5	53.4	0.12	10.2	1	<2	39	39	40570	1.3	21	7	0.7	0.9	1.9	62	112
274	566556	5486015	5	55.2	0.1	6.8	<1	<2	35	35	24750	1.6	22	5	0.6	0.7	1.6	36	106
275	567283	5486607	1.2	84.1	0.08	2.7	inf	5	12	22	2160	3.9	13	4	inf	inf	inf	12	115
276	567051	5485568	1.5	51.4	0.1	11.4	1	4	28	31	38170	2.9	26	5	0.4	0.5	1.2	36	105
277	566988	5484820	2	26.1	0.06	9.1	<1	6	26	18	33390	1.7	16	3	0.4	0.4	1.1	28	61
278	568045	5484296	4	18.2	<0.05	4	<1	4	23	11	12570	0.6	14	4	<0.3	0.3	0.8	20	58
279	569297	5484897	1.5	64.2	0.06	4.4	2	<2	17	27	9280	4.5	36	4	0.3	<0.3	0.8	11	127
280	569716	5485548	1.5	56.0	0.06	4.1	<1	5	18	30	9480	5	35	5	0.4	0.4	1.1	13	104
281	573659	5486436	6.3	51.6	0.14	2.3	<1	4	38	56	8520	1.9	30	4	0.8	0.8	1.9	21	89
282	574747	5485452	0.8	65.4	0.08	4.5	<1	<2	26	44	7040	1.4	44	5	0.6	0.6	1.5	12	70
283	575089	5485973	1.3	37.7	0.07	5	<1	4	15	45	11710	14	26	3	0.7	0.5	1.5	13	54
284	577827	5486517	1.7	53.6	<0.05	1.8	2	<2	14	21	4770	1.5	12	4	0.3	0.6	1.2	10	25
285	577905	5487061	0.8	47.7	0.07	2.4	<1	3	17	19	5610	0.8	13	5	0.8	0.5	1.3	13	22
286	580787	5485936	3.3	84.1	<0.05	4.1	inf	4	7	24	1330	4.7	40	3	inf	inf	inf	4	77
287	581420	5485005	0.5	59.1	0.05	5.9	<1	4	10	19	6910	4.3	15	6	0.4	0.5	1.2	12	99
288	583628	5486119	2.3	74.7	0.07	4	<1	4	10	28	5710	3.4	27	3	0.5	0.6	1.5	8	107
289	586939	5492031	1.2	58.6	0.1	2.6	3	3	18	28	4250	2	28	5	0.3	0.3	0.9	11	67
290	588385	5493968	9	16.2	0.12	3.9	<1	4	40	25	23370	0.6	26	9	0.5	0.6	1.4	37	66
291	590054	5494365	3	67.8	0.1	3.5	<1	<2	19	29	4430	2.2	24	6	0.8	1.3	2.4	11	61
292	590447	5493175	6	66.2	0.1	5.5	<1	3	21	29	7350	3.4	23	8	0.4	0.7	1.4	11	55
293	590990	5493763	1.2	46.6	0.1	1.8	<1	4	21	31	4290	2.2	35	4	0.5	0.5	1.2	9	57
294	590651	5494530	1.5	52.2	0.12	2.4	<1	2	25	35	5000	3.7	35	4	0.4	0.5	1.2	13	58
295	591886	5495314	2.7	45.1	0.06	4.4	<1	<2	20	44	2900	3.4	38	4	0.4	0.5	1.2	8	42
296	594402	5495071	0.2	60.4	0.09	1.4	<1	<2	35	30	7640	0.6	25	4	0.6	0.5	1.4	17	37
297	594929	5495189	2.3	60.2	0.1	3.8	3	5	25	39	7580	2.3	26	4	0.7	1.3	2.3	18	58
298	596934	5494545	4.3	57.4	0.11	7.4	2	3	24	53	11710	4.1	44	6	0.9	0.9	2.0	19	81
299	598008	5494675	3.3	21.7	0.07	4.5	<1	3	21	11	9720	0.4	11	4	<0.3	0.6	1.1	15	45
300	600140	5493954	1.4	54.9	0.14	2	1	<2	25	54	6690	1.4	35	4	1.1	0.7	2.1	12	69
301	600809	5494177	1.9	53.6	0.21	1.8	1	4	21	75	4480	2	34	5	1.4	1.0	2.6	9	74
302	601656	5492933	0.5	27.8	0.06	0.5	<1	<2	16	13	5910	0.8	15	4	<0.3	0.5	0.9	11	39
303	602854	5494250	1	64.9	0.08	3	<1	5	17	52	4010	3.6	40	<2	<0.3	<0.3	<0.6	12	68
304	603811	5494185	1	81.3	0.1	4.7	<1	4	14	29	5650	6.3	36	4	0.7	0.7	1.7	11	88
305	604211	5493497	2	76.3	0.07	1.8	<1	5	13	26	2510	2.8	28	2	0.5	0.5	1.3	6	73
306	605498	5493506	2	86.8	0.1	1.6	<1	4	8	57	1260	8.2	44	2	1.1	1.2	2.6	7	65
307	605597	5493101	2	78.3	0.11	1	1	3	10	43	2320	11.1	31	3	1.2	0.9	2.4	7	80
308	605798	5493262	0.8	77.1	0.09	2.7	1	2	10	34	2310	7.7	31	3	1.0	0.7	2.1	6	69
309	605778	5492055	3.3	66.4	0.13	2.2	1	2	31	39	7030	1.9	34	3	0.7	0.7	1.7	16	85
310	606301	5492581	1.5	77.0	0.11	1.7	2	2	10	52	1360	5.2	39	3	1.0	0.7	2.0	6	71
311	607726	5491671	0.7	85.5	0.08	2.9	<1	4	5	14	1670	2.9	10	3	<0.3	0.6	1.1	6	76
312	607484	5493756	1	86.1	0.08	4	<1	4	5	10	1570	3.1	6	4	<0.3	0.4	0.9	5	89
313	606344	5493563	1.6	82.6	0.08	3.7	1	<2	10	30	2100	4.5	36	2	0.8	0.7	1.6	5	58
314	605707	5494228	0.9	56.7	0.14	<0.5	4	6	30	71	7240	1.2	30	4	1.8	1.0	3.1	15	75
315	604705	5495101	1	39.1	<0.05	3.3	1	4	3	15	2320	3.9	16	<2	0.4	0.8	1.5	3	40
316	601584	5494961	2.1	62.0	0.19	4.1	<1	4	31	94	5690	3	61	5	1.9	1.0	3.1	15	85
317	600763	5495696	1.3	48.5	0.14	2.8	1	4	59	57	13510	1	50	6	1.2	0.8	2.4	28	101

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
318	598233	5495937	3.2	16.7	0.06	5.7	2	4	24	12	16080	0.4	16	5	0.4	0.6	1.2	21	55
319	593317	5497141	1.2	54.3	0.09	1.6	1	5	19	44	3560	2.8	41	3	0.5	0.7	1.5	9	50
320	592966	5495876	1.5	61.4	0.09	3.3	1	5	23	41	5780	1.7	36	4	0.8	0.8	1.8	10	58
321	593010	5496224	1	64.8	0.08	2.2	1	5	13	47	1680	3.8	42	2	0.9	0.8	2.0	5	43
322	590889	5495871	3	12.4	0.08	3.2	1	<2	28	14	12290	0.4	18	4	<0.3	0.3	0.8	20	44
323	590256	5496484	1.4	69.7	0.11	9.8	2	<2	13	48	8700	5.4	19	4	0.9	0.9	2.1	19	98
324	589209	5497809	0.3	34.5	0.15	3.3	2	3	42	50	10530	1.1	44	7	1.0	0.8	2.1	22	52
325	588396	5496684	7.5	40.6	0.19	8.3	1	6	40	40	13590	1.8	31	7	0.7	0.7	1.7	32	66
326	586682	5495538	0.5	26.2	0.08	4.6	1	3	50	17	18590	0.7	30	7	<0.3	0.5	1.0	30	102
327	586115	5495176	1.2	76.9	0.07	2.8	<1	5	16	21	2250	2.4	27	2	<0.3	0.8	1.3	5	68
328	585392	5494145	1.4	36.4	0.1	2	1	3	29	29	9990	1	26	5	0.4	0.7	1.4	16	63
329	584899	5493025	1.3	66.9	0.11	5.3	<1	4	22	36	4150	1.8	40	3	0.6	0.6	1.5	9	61
330	585943	5490834	0.5	35.0	0.12	1.1	1	<2	25	50	7350	0.7	31	4	1.0	0.6	2.0	14	52
331	584371	5491542	0.6	47.6	0.09	4.6	1	4	17	24	7290	1.7	23	4	0.4	0.8	1.5	11	73
332	583286	5492740	1.4	53.7	0.07	1.1	1	5	14	24	4590	2.3	37	4	0.4	0.6	1.4	7	59
333	584212	5493406	3.3	61.9	0.13	7.1	<1	3	37	44	6610	2.3	42	10	<0.3	<0.3	<0.6	17	70
334	585599	5495341	1.9	50.3	0.1	4.6	2	<2	22	29	6430	2.2	29	9	0.3	0.5	1.1	12	69
335	586395	5496240	10	39.6	0.14	5	2	3	44	28	30320	0.8	35	12	0.9	0.8	2.0	41	112
336	586881	5496978	7	52.1	0.18	14.9	1	5	29	38	10630	2	31	28	0.5	0.8	1.5	19	73
337	586943	5498150	3	58.5	0.15	5.4	1	<2	38	34	10390	2.4	39	4	0.5	0.7	1.6	21	70
338	587820	5499154	2.3	26.4	0.11	2.5	2	<2	39	28	13340	1.1	37	7	4.6	2.8	7.7	24	54
339	590087	5499374	7	8.7	0.11	5.2	1	5	42	18	23810	0.4	30	9	0.5	0.5	1.2	40	70
340	590471	5500543	3	3.6	0.06	4.4	<1	3	42	24	24610	0.3	30	9	0.3	0.4	1.1	41	61
341	591465	5500841	9	58.5	0.14	2.5	2	5	28	47	21610	3.4	27	6	0.7	0.7	1.6	33	94
342	593847	5500316	8	15.3	0.05	1.5	1	5	24	9	11230	0.3	14	6	<0.3	0.4	0.9	18	39
343	595634	5500643	0.5	42.2	0.05	4.5	<1	6	23	23	10550	2	32	5	<0.3	0.4	0.8	17	65
344	597711	5498657	5.5	19.2	0.09	5.6	1	6	37	18	20680	0.5	23	8	<0.3	0.6	1.0	33	65
345	598048	5498165	0.2	24.0	0.06	3.5	<1	4	29	16	12710	0.6	22	7	<0.3	0.4	0.8	22	50
346	598121	5499231	5	76.1	0.06	inf	<1	inf	9	18	7870	2.6	10	5	0.5	1.0	1.8	11	53
347	602889	5499363	7.5	71.8	0.06	5.5	<1	5	26	28	17120	2.3	15	2	<0.3	0.6	1.0	27	139
348	603978	5499050	12.5	34.6	0.08	5.2	2	9	30	30	11270	1	19	5	0.6	0.5	1.5	23	63
349	605700	5498127	2	88.0	<0.05	5.1	inf	7	5	12	1650	2.9	13	<2	inf	inf	inf	3	86
350	604942	5500211	0.5	41.6	0.06	4.7	2	<2	23	23	9520	1.1	22	4	0.5	2.8	4.6	17	60
351	604593	5501106	3	23.3	0.06	6.5	1	4	33	16	15550	0.5	20	7	<0.3	0.5	1.0	27	69
352	602235	5501949	2	14.3	<0.05	3.9	<1	5	23	10	11900	0.3	15	6	<0.3	0.4	0.9	19	48
353	601339	5501130	3	12.2	<0.05	4.1	1	3	23	8	12130	0.3	12	5	<0.3	0.4	0.9	19	42
354	600900	5501439	2	29.0	0.06	6.8	1	<2	32	19	17980	0.8	25	6	<0.3	0.6	1.0	28	75
355	600537	5500751	1.2	33.8	0.07	5.3	2	3	31	19	15850	0.9	24	8	0.4	0.6	1.3	25	68
356	600972	5500856	2	12.0	<0.05	3.4	<1	3	21	8	10090	0.2	11	6	<0.3	<0.3	<0.6	17	38
357	599360	5500766	3	57.0	0.05	5.7	<1	3	18	18	8650	1.5	21	6	<0.3	0.6	1.1	14	61
358	594748	5501324	1.4	14.8	<0.05	3	<1	<2	21	8	10330	0.3	13	5	<0.3	<0.3	<0.6	16	40
359	591144	5502305	5	2.8	0.05	3.4	1	6	29	18	17880	0.5	21	8	<0.3	0.4	0.8	29	42
360	590831	5501398	5	10.2	0.07	4.7	<1	3	34	13	20090	0.3	20	7	<0.3	0.4	0.9	28	57
361	589188	5503612	3	50.0	0.08	4.5	1	6	27	42	9560	2.4	31	5	0.4	0.7	1.4	21	64
362	586402	5501382	1	65.6	0.06	2.6	inf	<2	13	32	3340	3.4	27	<2	inf	inf	inf	8	55
363	586286	5500574	2	68.8	0.06	2.6	inf	4	14	31	2600	2.2	25	5	inf	inf	inf	8	49
364	584693	5500578	2	87.3	<0.05	1.9	inf	4	10	26	1470	2.2	32	<2	inf	inf	inf	4	58
365	584031	5500711	2	61.7	0.09	2.7	inf	2	21	38	5120	3.1	33	4	inf	inf	inf	14	63
366	584085	5498404	8	55.5	0.22	3.6	1	2	61	106	7690	2.5	51	5	2.4	1.2	3.8	23	67
367	585366	5497432	3	12.2	<0.05	3.8	<1	3	28	16	12150	0.6	19	4	<0.3	0.4	0.9	23	55
368	583270	5496216	2	40.1	0.06	3.9	<1	4	27	22	9020	1.2	29	6	<0.3	0.6	1.1	14	84
369	581316	5496585	2	49.6	<0.05	4.6	<1	5	15	20	7750	1.3	21	4	<0.3	0.6	1.0	8	84
370	580936	5492739	3	25.1	0.05	5.8	<1	<2	28	21	9250	0.6	19	5	<0.3	0.7	1.1	18	67
371	580303	5491772	3	43.0	0.08	4.6	<1	3	29	35	12770	1.3	28	6	0.3	0.7	1.3	22	77
372	579618	5490665	2.2	49.2	0.11	4	1	<2	38	36	11290	1.1	32	6	0.7	0.7	1.7	21	86
373	579933	5490080	1	51.4	0.07	3	<1	2	25	35	7260	0.8	24	4	0.7	0.7	1.7	13	90
374	581248	5488689	0.5	35.4	<0.05	3.7	<1	6	17	28	6200	0.6	25	5	0.5	0.5	1.2	9	53
375	583153	5487727	1	58.7	<0.05	6.1	2	5	7	33	5830	13.1	23	4	0.8	0.7	1.7	9	67
376	582232	5488003	1	65.5	0.06	4	<1	<2	15	23	6740	3.7	21	4	0.3	0.6	1.2	12	75
377	581822	5487953	1.5	70.7	0.06	4.7	<1	2	13	26	4220	3.9	21	4	<0.3	<0.3	0.9	11	81
378	581064	5487956	4	40.3	0.06	5.1	1	7	26	32	8970	1.3	29	7	0.5	0.8	1.5	17	77
379	580723	5487466	4.2	15.4	<0.05	2.9	<1	6	11	26	7440	3.8	20	2	0.6	0.4	1.3	9	36
380	577884	5489436	1	48.1	0.07	4.2	<1	<2	28	31	8950	4.3	34	5	0.4	0.7	1.3	15	81
381	576598	5488349	2	60.1	<0.05	2.6	inf	3	16	21	6440	2.2	38	6	inf	inf	inf	8	92
382	576278	5487428	0.5	68.8	0.06	2.7	<1	3	16	33	5210	4.5	59	2	0.8	0.9	2.0	12	85
383	575406	5487834	1	49.0	0.05	1.5	2	2	23	29	3190	2	40	3	0.3	0.4	1.0	12	52
384	574923	5488071	11.4	60.0	0.13	4.5	inf	3	30	38	7600	1.4	32	15	inf	inf	inf	24	107
385	573723	5487454	1	54.1	<0.05	2.5	2	4	17	23	4270	1.7	36	<2	1.9	0.3	2.5	7	81
386	572147	5487829	4	48.0	0.06	7.6	2	4	22	26	6370	1.6	25	4	0.9	0.5	1.7	14	57
387	571225	5487087	2	66.2	<0.05	2	inf	4	8	25	1090	4.6	38	3	inf	inf	inf	3	44
388	568738	5488878	12	66.0	0.16	5.2	inf	6	21	28	6550	1.4	14	5	inf	inf	inf	28	162
389	567206	5489132	13	48.2	0.24	5.1	2	5	54	62	14240	1.5	39	7	1.0	0.7	2.0	44	113
390	563961	5490939	3	51.7	0.08	4.4	<1	3	28	35	6130	1.1	38	5	0.5	0.5	1.3	12	61
391	560202	5491667	2	76.6	<0.05	4.3	<1	6	8	15	2370	2.4	11	<2	<0.3	0.5	1.0	6	59
392	559295	5491419	1	27.0	<0.05	6.6	<1	6	20	8	11080	0.7	10	4	<0.3	0.4	0.9	19	55
393	556417	5490507	2	70.1	0.05	7.5	<1	4	23	23	6250	2.7	43	3	0.6	0.8	1.7	9	75
394	555660	5490669	1	45.2	<0.05	9.9	<1	3	9	19	5940	1.5	9	3	0.5	0.7	1.5	8	50
395	553941	5490744	4	39.4	0.12	5.3	1	2	27	42	8020	1.1	28	6	0.6	0.6	1.4	18	55

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units--------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
396	550969	5491401	4	59.7	0.08	8.3	1	4	24	40	6140	2.1	32	3	0.5	0.7	1.5	16	68
397	548441	5492255	4	45.8	0.12	8.1	1	9	50	37	17810	0.9	32	8	1.0	0.8	2.1	29	92
398	551957	5502666	1.9	64.0	0.07	7.8	1	4	16	17	5060	3.2	8	3	0.5	0.7	1.5	23	70
399	557107	5498950	1	78.3	<0.05	6.1	1	5	10	19	6700	2.5	19	<2	0.7	0.6	1.6	7	68
400	557669	5499381	4.6	69.9	0.07	5.5	<1	<2	18	17	5520	2.9	12	<2	<0.3	0.9	1.4	18	76
401	558102	5499493	4.4	46.0	<0.05	8.7	<1	<2	8	12	6610	4.1	6	<2	0.5	1.3	2.1	14	35
402	558429	5499547	4.7	58.2	0.07	9.5	<1	<2	25	42	12770	3	27	<2	1.2	0.9	2.4	30	66
403	558448	5499326	10	44.1	0.06	11.7	<1	5	17	62	10360	3.5	19	3	1.5	0.9	2.7	27	75
404	559529	5498569	1	63.3	0.12	9.1	2	5	18	115	27190	6.8	27	3	2.7	1.2	4.1	33	117
405	559831	5498623	3.8	63.3	0.11	10.7	1	8	24	123	17060	6.7	53	3	2.2	1.1	3.6	21	84
406	563628	5497467	5	53.1	0.07	7.1	1	<2	28	26	10190	1.4	28	3	0.4	0.5	1.2	18	68
407	564621	5497672	0.5	9.3	<0.05	3	<1	3	16	9	11510	0.3	9	3	<0.3	0.4	0.8	17	26
408	565511	5498407	1.5	85.3	0.05	3.1	Inf	6	6	8	2980	2.5	10	<2	Inf	Inf	Inf	6	103
409	566085	5498088	4.8	51.5	0.08	7	<1	7	25	20	21450	1.5	13	5	0.7	0.8	1.8	30	67
410	566471	5497755	9	40.8	0.09	6.1	2	7	26	28	30470	2.6	13	4	0.6	0.7	1.6	51	80
411	566016	5497486	1.7	56.1	<0.05	2.6	<1	5	10	12	6770	2.4	6	<2	0.5	0.4	1.3	9	45
412	565591	5497100	6.8	64.9	0.06	4.8	<1	6	16	15	12350	3.3	10	4	0.9	0.7	1.9	25	60
413	565960	5496875	6.4	31.2	0.07	4	<1	3	22	18	10660	0.9	15	5	0.4	0.6	1.3	19	42
414	567027	5497380	3.5	41.3	0.07	3.7	<1	7	27	25	9550	1.4	20	5	0.3	0.5	1.1	22	63
415	567707	5497447	3.1	52.1	0.06	3.5	1	6	25	23	10450	1.3	20	4	<0.3	0.5	0.9	23	64
416	566897	5497841	3.3	45.6	0.06	4.3	1	7	19	22	8610	2.2	14	2	<0.3	0.5	1.0	19	74
417	567353	5498499	1.6	85.9	<0.05	2.8	<1	6	5	9	2520	2.3	9	2	<0.3	<0.3	<0.6	6	99
418	567649	5498031	4	15.2	<0.05	2.7	<1	4	17	10	10090	0.8	9	2	0.5	1.1	1.9	20	26
419	567697	5496688	1	56.4	0.08	3	<1	6	25	28	6900	1.1	27	6	0.7	0.7	1.7	16	66
420	568139	5497628	7.4	30.5	<0.05	30.9	Inf	3	9	11	132600	3.4	12	6	Inf	Inf	Inf	22	42
421	569828	5499858	3.5	83.4	0.06	1.5	Inf	3	9	28	2740	2.4	14	<2	Inf	Inf	Inf	9	90
422	571612	5498740	0.4	34.0	<0.05	3.6	2	4	6	15	10250	3.6	13	3	<0.3	0.7	1.1	6	43
423	574030	5499599	1.6	67.7	0.06	4.1	<1	4	21	37	7440	2.2	34	3	0.7	0.5	1.5	13	82
424	574961	5499958	1.1	33.0	0.05	4.4	1	10	22	12	8800	0.4	12	8	<0.3	0.5	1.0	15	39
425	575749	5499134	2.2	59.9	0.1	2.2	2	2	24	20	7120	1.7	14	5	<0.3	0.4	0.8	35	110
426	576275	5499194	6.4	76.1	0.08	Inf	<1	Inf	15	16	3750	1.3	10	<2	<0.3	1.2	1.7	17	145
427	576631	5501485	2.9	60.1	0.06	4	<1	6	19	34	12540	3.1	24	4	0.5	0.6	1.4	16	66
428	578812	5501264	1.9	64.9	0.08	3.6	<1	5	20	32	8480	2	27	3	0.6	0.6	1.5	15	75
429	579954	5500951	2.1	83.9	0.05	<0.5	<1	<2	8	20	4110	1.7	15	<2	0.5	0.5	1.3	5	74
430	580497	5501648	1.5	87.4	<0.05	2.4	<1	<2	5	19	2500	2.4	14	<2	<0.3	0.7	1.1	4	50
431	580953	5501006	1	50.4	0.06	3.1	<1	<2	23	37	8980	0.8	28	3	0.7	0.7	1.6	13	56
432	582793	5501195	1.7	33.2	0.07	3	<1	2	29	29	11800	0.9	28	4	0.6	0.6	1.5	21	49
433	584043	5503633	5.2	84.8	<0.05	Inf	<1	Inf	6	9	4440	1.3	7	3	<0.3	<0.3	<0.6	4	64
434	593888	5503902	1.3	24.5	<0.05	4.2	<1	<2	19	10	11210	0.5	11	5	<0.3	1.0	1.4	18	38
435	599560	5503936	0.9	67.3	0.06	Inf	2	Inf	18	15	11450	2.4	14	10	<0.3	0.6	1.1	17	56
436	601944	5504600	0.5	39.6	0.09	3.2	<1	<2	37	34	12290	0.9	32	2	0.7	0.7	1.7	22	54
437	608755	5505865	1.6	25.3	0.07	4	<1	3	36	14	18670	0.6	24	6	<0.3	0.5	0.9	30	66
438	609967	5507119	1.6	90.2	<0.05	2.9	Inf	4	4	9	1900	1.2	6	2	Inf	Inf	Inf	2	63
439	610528	5504218	1.9	43.8	0.07	3.5	<1	8	29	25	10780	1.2	36	3	<0.3	0.5	0.9	17	69
440	609354	5502654	1.3	3.0	<0.05	3.3	<1	6	26	13	15170	0.3	16	4	<0.3	0.3	0.8	26	35
441	608919	5501905	1.2	25.0	0.06	4.4	2	6	30	16	15850	0.7	24	4	<0.3	0.4	0.8	26	71
442	610948	5493768	3.6	63.3	0.08	2.4	<1	5	19	49	3820	2.8	39	3	0.5	0.7	1.5	11	73
443	609748	5494036	0.7	52.6	0.05	1.6	<1	<2	18	24	7580	1.7	32	3	0.3	0.6	1.2	12	63
444	609362	5492788	0.8	56.1	0.06	4.2	<1	<2	19	34	8450	3.8	36	4	0.6	0.7	1.6	15	73
445	609765	5492148	6.3	57.9	0.08	5.2	1	3	32	40	7560	1.8	34	6	<0.3	0.8	1.2	19	75
446	608438	5491889	1.1	69.7	0.05	3.4	Inf	4	9	20	3290	3	13	3	Inf	Inf	Inf	10	68
447	609603	5491153	2.7	68.6	0.07	4.2	<1	2	29	51	5810	2.5	47	2	<0.3	<0.3	<0.6	17	78
448	609625	5489699	2.8	65.2	0.06	7.9	<1	<2	21	25	11580	2.1	16	3	0.5	1.0	1.7	24	78
449	609367	5489033	5.4	44.6	<0.05	5.4	<1	4	15	16	8340	2.6	7	4	0.6	0.7	1.6	11	39
450	609970	5488433	2.1	84.1	0.05	Inf	<1	Inf	8	12	3290	1.7	7	3	<0.3	0.4	0.9	11	79
451	609862	5486978	2.8	66.3	0.05	6.4	<1	3	12	21	8370	4	12	2	1.5	1.3	3.2	13	68
452	609436	5486073	4.9	24.4	<0.05	4.7	<1	3	21	11	9660	1	12	5	0.3	0.5	1.1	19	37
453	609115	5485438	1.2	17.4	<0.05	4	<1	<2	21	11	12900	0.7	12	4	<0.3	<0.3	<0.6	20	47
454	609638	5485230	1.4	84.0	<0.05	3.5	<1	3	6	14	2340	4.2	11	<2	<0.3	<0.3	<0.6	6	92
455	610580	5484716	1.1	69.2	<0.05	4.1	Inf	<2	13	15	5090	2.7	11	4	Inf	Inf	Inf	14	62
456	610914	5484746	0.8	75.9	<0.05	6.7	<1	<2	11	17	8630	1.2	10	5	<0.3	0.4	0.8	11	57
457	611771	5485008	2.9	70.9	0.06	5	Inf	<2	17	22	16630	3.1	12	2	Inf	Inf	Inf	22	70
458	613002	5484315	1.4	70.5	0.05	6.2	<1	<2	10	15	5840	3.8	11	<2	<0.3	0.4	0.9	12	105
459	614706	5484926	0.6	52.4	0.06	7.3	<1	4	18	21	11030	2.7	20	4	<0.3	1.1	1.5	17	84
460	615198	5484755	0.5	12.4	<0.05	2.6	<1	9	13	10	9380	0.9	10	3	<0.3	<0.3	<0.6	12	31
461	614341	5485081	0.5	35.9	<0.05	1.8	<1	<2	28	10	12150	0.5	13	6	<0.3	0.5	0.9	17	62
462	614890	5486212	0.5	75.6	<0.05	8.9	<1	<2	7	14	3420	5.7	13	2	<0.3	0.6	1.1	8	85
463	615432	5486771	1.4	70.7	<0.05	12.8	<1	8	17	14	7510	1.6	16	3	<0.3	0.4	0.9	16	96
464	615812	5486939	0.4	46.3	<0.05	11	<1	5	18	13	8610	1.8	16	3	<0.3	0.5	0.9	22	44
465	615717	5488570	3.1	72.3	0.08	7.7	<1	2	12	40	6120	3.6	14	4	0.5	0.8	1.6	17	84
466	615757	5489250	1.8	35.0	0.07	5.1	<1	5	39	20	15980	0.9	21	5	<0.3	0.5	1.0	27	115
467	614973	5488234	2.4	76.0	0.05	9	Inf	6	14	25	6010	4	12	3	Inf	Inf	Inf	15	93
468	614427	5487893	3.8	86.6	<0.05	12	Inf	5	6	32	9770	5.2	10	<2	Inf	Inf	Inf	15	172
469	613721	5487557	0.9	88.0	<0.05	2.7	<1	5	2	3	4650	0.6	2	<2	<0.3	0.5	0.9	4	25
470	613643	5488060	1.4	66.3	0.06	5.2	<1	<2	12	20	4720	4	11	3	<0.3	0.6	1.1	14	78
471	612476	5487486	1.7	64.7	0.06	4.7	<1	4	11	19	4340	4	10	2	0.5	0.5	1.2	12	77
472	613445	5486985	1.4	53.8	0.06	5.8	<1	2	12	13	8750	3.4	7	<2	0.5	0.8	1.6	16	61
473	612436	5486711	2.4	74.2	0.06	4.4	<1	2	11	19	4110	4.7	8	2	0.7	0.7	1.6	15	77

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
474	612647	5486495	6	84.7	0.07	4.2	inf	<2	9	11	3770	1.2	6	6	inf	inf	inf	10	100
475	612677	5486108	1.2	46.9	<0.05	5.4	<1	5	9	12	7220	3	6	<2	0.7	0.4	1.4	15	48
476	612178	5485503	2.6	69.2	0.06	5.3	inf	3	17	21	13480	3.2	13	2	inf	inf	inf	21	64
477	611498	5485581	1.8	74.8	0.06	4.9	inf	5	16	17	8930	4	12	3	inf	inf	inf	21	73
478	612017	5486192	2.5	60.0	0.05	4.1	inf	4	15	13	7790	2.8	10	3	inf	inf	inf	18	54
479	611326	5486338	1.6	66.1	0.08	3.2	<1	3	12	19	10210	6.9	11	2	<0.3	0.5	1.0	16	99
480	611457	5486891	1.3	45.6	0.06	4.3	<1	2	16	14	9200	4.1	10	4	0.4	0.4	1.1	14	76
481	610812	5487062	2	48.1	0.05	4.4	<1	4	13	17	11510	4.6	10	2	0.6	0.6	1.5	13	57
482	610529	5488711	1.4	85.7	0.06	2.3	<1	3	5	27	1440	2.2	13	<2	0.8	0.6	1.7	4	65
483	610662	5489718	1.3	32.1	0.07	1.6	<1	4	28	12	8130	0.9	15	4	0.3	0.3	1.0	21	34
484	610632	5490303	4.3	71.9	0.06	3.4	inf	4	17	18	6000	2.2	13	2	inf	inf	inf	18	72
485	610831	5491690	1	81.3	<0.05	2.2	<1	<2	9	21	1670	3.5	32	<2	<0.3	<0.3	<0.6	6	69
486	610617	5492288	1.2	80.2	0.06	1.8	2	7	10	38	1600	2.7	34	<2	1.0	0.9	2.2	5	54
487	611983	5491623	1.6	72.1	0.05	3.6	<1	<2	10	22	3360	3	22	4	<0.3	<0.3	<0.6	8	85
488	612813	5492578	1.3	66.6	0.06	2.3	<1	3	13	49	2560	4.3	38	<2	0.8	0.4	1.5	10	59
489	613954	5495739	0.4	38.7	0.05	2.5	<1	<2	22	16	9440	0.5	16	5	0.3	0.6	1.2	13	47
490	613514	5495323	0.7	33.5	0.08	2.3	<1	<2	38	33	14340	1.5	28	6	0.7	0.8	1.8	26	90
491	613897	5497303	1.4	37.9	0.05	2.2	<1	4	27	17	10210	0.5	17	5	0.6	0.8	1.7	18	33
492	615548	5498078	5.8	23.1	0.09	2.6	1	4	40	23	16420	0.5	24	6	0.4	1.1	1.8	30	60
493	613882	5500207	0.9	85.4	<0.05	3.4	<1	6	7	9	2830	1	22	2	<0.3	0.4	0.9	2	87
494	612534	5501940	1.5	9.9	0.05	1.9	1	6	29	9	13540	0.2	18	4	<0.3	0.5	0.9	24	55
495	611186	5501730	1.3	20.3	<0.05	2	<1	4	29	11	12750	0.4	18	5	<0.3	0.5	1.0	22	61
496	610610	5501862	1	60.8	<0.05	1.6	<1	3	16	29	2510	1.5	41	<2	0.5	0.6	1.3	6	46
497	613972	5503858	0.5	59.3	0.06	7	2	2	18	36	11120	3.6	32	3	0.9	0.7	2.0	17	95
498	617915	5500706	1	53.6	<0.05	3.8	<1	5	16	18	7870	0.6	16	10	0.4	0.5	1.2	9	50
499	618434	5500826	1	44.8	0.06	3	<1	<2	28	24	9490	0.8	29	4	0.4	0.8	1.4	16	60
500	619518	5498754	1	72.8	0.08	5.6	1	<2	15	55	9710	7.5	25	3	0.8	1.8	2.9	21	85
501	619421	5497095	1.5	44.7	0.06	3.8	1	5	21	27	8210	3.1	20	3	0.6	0.7	1.6	22	50
502	620558	5497227	1	72.6	0.05	3.1	<1	5	23	20	9560	2	16	3	0.5	0.5	1.3	22	43
503	621099	5495491	1	62.8	<0.05	2.5	1	<2	5	13	2270	1	12	3	0.3	0.7	1.3	2	73
504	620897	5494717	1	64.8	<0.05	2.7	<1	4	11	18	4480	2.1	23	2	<0.3	0.8	1.3	6	69
505	620474	5495032	0.5	83.2	<0.05	3.4	<1	5	6	37	1060	5.2	25	<2	<0.3	<0.3	<0.6	4	52
506	620119	5495060	0.5	70.0	0.06	3.9	1	4	13	33	4470	4.6	32	10	0.6	0.6	1.5	10	87
507	618857	5495885	1.5	69.9	0.07	4.2	1	<2	12	38	3830	6.3	26	3	0.6	0.7	1.7	10	92
508	619014	5495214	1	77.4	0.08	5	<1	4	7	16	2580	2.8	8	20	<0.3	0.7	1.2	8	77
509	618983	5492956	1	85.7	<0.05	5.5	inf	<2	7	11	2010	2.2	13	7	inf	inf	inf	7	81
511	618213	5491835	1	89.8	<0.05	4.3	inf	3	4	11	1260	3.4	10	<2	inf	inf	inf	3	70
512	618176	5492109	1	85.4	<0.05	3.3	<1	3	6	16	1900	3.7	13	<2	0.5	0.6	1.4	5	89
513	617082	5491815	1	72.9	<0.05	4.1	<1	3	14	22	6750	3.2	22	<2	0.4	0.5	1.3	10	78
514	615676	5492396	1	71.0	0.05	4	<1	4	13	25	6980	2	16	3	0.4	0.6	1.3	11	91
515	615590	5491748	4	44.2	0.09	6.4	2	3	33	34	15950	2.1	24	6	0.6	0.9	1.7	32	82
516	615544	5491184	1	45.7	0.06	4	2	9	21	26	8610	1.7	18	4	0.4	0.5	1.2	21	89
517	614746	5490231	7	17.6	<0.05	3	<1	3	16	21	8400	3.5	6	3	0.9	0.5	1.8	12	21
518	614272	5489849	14	14.4	<0.05	1.7	<1	5	13	13	6650	3.6	7	4	1.5	0.6	2.4	13	28
519	613722	5489712	7	25.5	<0.05	2.8	<1	4	4	12	985	3.9	3	9	1.1	0.4	1.8	5	25
520	612739	5489609	3	66.4	0.09	2.2	inf	3	17	16	4210	1	12	4	inf	inf	inf	18	107
521	613788	5489669	7	37.9	<0.05	4.2	<1	<2	7	20	1530	5.3	5	<2	1.8	0.8	2.9	9	28
522	614217	5489561	4	70.2	0.08	4.2	<1	6	14	25	4860	3.7	13	3	0.9	12.3	13.5	18	69
523	616485	5490459	0.5	73.6	<0.05	5	1	<2	10	20	5090	2.7	18	<2	0.7	0.6	1.6	8	109
524	617603	5489532	2	73.8	0.06	3.9	2	<2	9	20	2800	2.8	14	2	<0.3	0.7	1.2	8	71
525	617711	5488765	0.5	79.6	<0.05	4	<1	<2	9	25	3210	4	20	3	0.5	4.0	4.8	7	80
526	617830	5487696	0.6	73.4	0.06	4.8	<1	<2	10	12	3440	2.3	9	3	<0.3	0.9	1.4	10	68
527	617454	5487243	1	73.5	0.05	4.1	2	6	10	13	3190	3.3	10	3	<0.3	0.6	1.1	10	69
528	618276	5487093	2	38.4	0.07	6.1	2	<2	27	18	11300	1.4	22	4	<0.3	0.7	1.1	23	80
529	617521	5486094	1	39.1	0.06	3.5	1	4	29	19	11160	1.6	24	4	<0.3	0.6	1.0	21	74
530	618866	5485939	2	68.6	<0.05	5.6	<1	<2	14	17	4530	1.8	20	4	<0.3	0.6	1.0	8	93
531	619289	5485778	1	80.3	<0.05	2.9	<1	<2	8	13	2410	1.9	8	3	<0.3	0.4	0.8	6	107
532	620018	5485713	0.9	82.9	0.06	7	<1	4	8	19	2650	5.4	14	<2	<0.3	0.8	1.3	6	103
533	620755	5484645	1.2	77.6	0.06	5.2	1	4	13	25	4560	5.1	19	<2	0.7	0.9	1.9	10	91
534	621056	5486945	1.7	72.3	0.08	9	inf	3	14	33	7070	8	21	3	inf	inf	inf	16	123
535	620487	5488223	1.2	75.4	<0.05	3.8	5	5	9	14	3500	3.4	11	<2	0.4	0.6	1.3	7	101
536	621311	5490524	1.2	75.7	0.06	4.7	1	3	16	24	5730	3.7	23	<2	0.4	0.8	1.5	10	100
537	622618	5492539	0.9	82.5	<0.05	5.9	1	2	7	11	2990	3.3	14	<2	<0.3	0.7	1.1	5	103
538	621656	5492756	0.9	55.2	0.08	7.5	<1	3	9	24	7110	5.4	15	<2	<0.3	0.6	1.0	10	90
539	621945	5494999	0.7	72.3	0.06	6	<1	4	14	37	10050	9.1	37	2	1.1	1.1	2.5	10	94
540	622508	5495819	1	69.0	<0.05	3.6	<1	<2	13	25	6620	3.2	28	2	0.6	0.8	1.7	8	86
541	623039	5496354	1	71.9	<0.05	3.3	inf	2	9	20	3110	3.9	21	<2	inf	inf	inf	6	64
542	622352	5497154	1	70.4	0.05	5.1	<1	5	13	22	4370	3	18	<2	<0.3	<0.3	<0.6	9	69
543	621544	5496242	1.6	87.3	<0.05	3.2	<1	3	4	24	1770	2.7	19	<2	0.3	0.7	1.4	3	61
544	621423	5497082	1.2	77.8	0.05	3.5	<1	<2	11	28	2740	4.8	22	<2	0.6	0.7	1.6	7	75
545	620540	5499431	0.5	58.7	0.06	4.5	1	3	15	28	7570	3.6	21	5	<0.3	0.7	1.1	12	83
546	623318	5499960	1	86.4	<0.05	3.2	5	5	6	19	1770	3.1	14	2	<0.3	<0.3	<0.6	4	69
547	620966	5502159	1.2	75.5	0.05	9	1	4	17	38	5320	3.3	41	<2	0.5	0.8	1.6	9	57
548	622190	5503734	1	53.6	<0.05	5	<1	4	17	19	10650	3.4	25	4	0.5	0.7	1.5	7	48
549	622895	5503868	4	21.5	0.08	2.6	<1	5	36	17	16450	0.5	23	6	<0.3	0.5	1.0	24	61
550	621576	5504730	4.5	12.4	0.09	2.6	1	2	40	19	21020	0.5	26	6	<0.3	0.5	0.9	34	58
551	615400	5506695	0.5	57.2	0.06	2.6	<1	3	22	32	6480	1	38	3	0.7	0.8	2.0	9	57
552	608238	5506575	1	34.0	<0.05	3.3	<1	2	23	12	9070	0.6	18	3	<0.3	0.6	1.1	15	54

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method----------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
553	599659	5504638	5	55.5	0.07	6.7	Inf	5	18	17	11890	1.8	14	16	Inf	Inf	Inf	19	68
554	598087	5504384	2	63.0	0.05	2.5	Inf	3	21	26	9280	2.6	21	3	Inf	Inf	Inf	15	63
555	597429	5504310	5.3	70.7	0.07	4.1	Inf	5	18	25	10590	2.3	17	10	Inf	Inf	Inf	16	67
556	596106	5503973	2	84.0	<0.05	1.2	Inf	3	9	15	5660	2.8	13	<2	Inf	Inf	Inf	8	38
557	595541	5504114	1.2	54.3	<0.05	3.1	3	3	17	12	7470	1.1	15	3	<0.3	3.1	3.6	15	74
558	594233	5504989	8.5	50.3	0.08	3.5	1	4	25	26	11210	1.4	22	5	<0.3	0.6	1.1	25	80
559	593062	5508001	1.5	5.8	<0.05	2.4	<1	5	20	7	11260	<0.2	11	5	<0.3	0.6	1.0	19	29
560	592416	5507516	2	6.3	<0.05	1.9	2	4	20	6	10920	<0.2	11	3	<0.3	<0.3	<0.6	18	29
561	590647	5506666	2	15.9	0.05	3.1	<1	5	33	16	20820	0.5	22	4	<0.3	0.6	1.0	31	59
562	590581	5507167	0.5	26.9	<0.05	2.1	1	<2	23	10	12620	0.4	15	4	<0.3	0.5	1.0	19	44
563	586990	5508469	3	15.0	<0.05	3.5	<1	3	15	16	8750	1	17	3	<0.3	0.3	0.8	16	42
564	586381	5508605	3	5.5	<0.05	5.1	<1	3	17	13	11870	0.6	14	5	<0.3	<0.3	<0.6	19	30
565	584313	5506553	4	59.4	0.08	2.9	<1	4	37	37	11750	1.1	36	2	0.9	0.8	2.0	20	96
566	582198	5505734	1.6	1.2	<0.05	0.9	<1	3	27	12	16650	0.2	18	5	<0.3	<0.3	<0.6	28	38
567	581791	5507672	5	81.2	0.08	5.2	<1	3	22	38	3670	2	42	<2	0.8	0.6	1.7	9	63
568	582993	5508550	5	13.7	0.06	<0.5	<1	<2	40	15	20860	0.3	24	6	<0.3	0.4	0.8	36	66
569	581586	5508988	7.1	19.3	0.06	1	<1	<2	35	21	22260	0.4	24	7	<0.3	<0.3	<0.6	33	63
570	581131	5508027	2	3.9	<0.05	3.4	2	3	20	6	11900	<0.2	13	4	<0.3	<0.3	<0.6	19	29
571	580360	5507263	7	10.5	0.06	1.3	1	2	44	14	26010	0.3	27	8	<0.3	0.5	0.9	39	72
572	579036	5507284	2	46.7	0.06	4	<1	<2	29	19	12770	0.7	27	9	<0.3	0.7	1.1	21	72
573	578055	5506945	2	44.7	0.07	3.4	1	<2	34	23	15770	0.8	34	5	<0.3	0.4	0.9	26	83
574	577096	5506936	0.6	44.5	0.05	6	1	5	27	21	13820	0.9	27	8	<0.3	0.5	0.9	23	69
575	576565	5507683	2	14.9	<0.05	0.8	<1	4	22	12	10100	0.5	14	4	<0.3	<0.3	<0.6	18	35
576	576033	5507008	2	31.8	0.06	7	<1	<2	32	21	14580	1	26	7	<0.3	<0.3	<0.6	25	56
577	576777	5505754	7.5	32.7	0.08	4.9	1	<2	36	18	18730	0.7	25	7	<0.3	0.6	1.0	33	90
578	576566	5505198	8.2	28.0	0.07	7.2	<1	4	39	16	18130	0.6	24	6	<0.3	0.7	1.1	33	85
579	574614	5504084	14	51.7	0.09	<0.5	<1	3	29	28	11600	1.4	21	4	<0.3	0.4	0.9	24	79
580	573279	5505461	1.4	31.9	<0.05	<0.5	3	<2	16	13	5000	1	13	<2	<0.3	0.4	0.8	12	42
581	569761	5504441	4	38.1	<0.05	3.7	<1	7	17	25	9060	2.3	16	3	0.4	2.0	2.7	18	50
582	569481	5504256	0.5	22.2	<0.05	4.4	1	4	14	6	8820	0.5	9	4	0.4	0.5	1.2	14	27
583	568834	5504513	4	35.5	<0.05	8.2	<1	3	18	25	9350	4.5	15	<2	1.1	0.7	2.0	21	48
584	568403	5504614	0.5	58.1	<0.05	2.9	<1	<2	12	8	5360	0.6	8	7	<0.3	0.5	0.9	12	31
585	566212	5504235	4	56.9	0.07	2.6	1	<2	19	13	4910	1.1	11	2	<0.3	0.5	0.9	18	82
586	565873	5503850	1.3	14.7	<0.05	1.4	<1	3	3	4	1660	0.7	2	<2	0.3	<0.3	0.8	2	11
587	565640	5503367	0.9	18.5	<0.05	<0.5	2	6	15	7	7150	0.6	7	4	<0.3	<0.3	<0.6	12	21
588	564771	5504006	6.5	44.8	0.06	9.3	<1	<2	23	14	31450	1.2	16	4	0.7	0.8	1.8	30	65
589	564910	5503415	16.6	19.7	0.07	9.1	<1	3	29	16	19890	0.6	18	11	0.3	0.4	1.0	30	58
590	563168	5503784	4	11.2	<0.05	5.2	<1	5	5	4	6800	1.3	7	<2	<0.3	<0.3	<0.6	6	17
591	558408	5504464	10	24.3	0.05	10.2	1	3	28	13	21140	0.4	16	4	0.5	0.5	1.2	22	43
592	556641	5504832	11	20.5	<0.05	8.9	<1	<2	25	19	14460	0.6	20	5	<0.3	0.4	0.8	23	36
593	555783	5504380	12	14.7	0.05	16.7	<1	6	28	15	27610	0.5	14	4	0.4	0.4	1.1	25	33
594	554018	5503532	9	16.0	<0.05	16.8	<1	6	25	12	19410	0.3	11	6	0.3	<0.3	0.8	24	31
595	553039	5503153	6.4	13.5	<0.05	6.9	<1	4	7	17	12050	1.5	5	<2	0.7	0.4	1.4	22	17
596	550330	5502012	10	17.0	<0.05	6.6	<1	<2	7	6	22260	0.9	6	<2	0.4	0.3	1.0	16	17
597	548578	5501193	12	26.0	<0.05	8.2	<1	<2	16	10	15200	1.1	11	5	0.4	0.5	1.2	23	36
598	545293	5508641	2	26.1	<0.05	13.7	<1	4	3	1	4240	2.2	4	<2	<0.3	<0.3	<0.6	4	58
599	547477	5508116	18	42.1	0.1	39.7	2	<2	36	21	78220	1.2	24	9	1.2	1.1	2.5	78	109
600	549243	5508109	1.9	14.4	<0.05	0.9	<1	<2	2	5	2660	1.7	2	<2	0.4	<0.3	0.9	2	13
601	551689	5508593	1.5	79.9	0.06	3.4	1	<2	7	12	2730	4.5	10	<2	0.9	0.6	2.0	6	92
602	553671	5507029	3.5	54.2	0.08	14.4	Inf	4	23	46	8620	2.2	21	3	Inf	Inf	Inf	25	67
603	555432	5507394	4.9	47.0	0.06	9.4	<1	4	14	30	12790	1.2	13	2	1.7	0.8	2.8	20	51
604	555840	5505937	4.8	52.8	0.12	33.4	3	5	39	50	17860	1.5	40	4	1.0	0.7	2.0	36	73
605	557276	5506362	4.1	67.7	0.09	32.6	1	2	26	36	13360	1.6	26	4	0.7	0.4	1.4	23	125
606	559675	5506888	1.1	61.6	0.07	4.6	<1	3	23	29	8380	1.4	34	5	0.7	0.5	1.6	19	75
607	558896	5508129	8.7	24.9	0.08	11	<1	3	29	22	12620	0.9	18	5	<0.3	0.4	0.8	26	64
608	558275	5508345	2.9	25.1	0.06	6.8	4	4	27	28	10700	1.4	18	4	0.8	0.7	1.8	21	51
609	558349	5509025	4.2	24.7	<0.05	23.1	1	3	17	20	24360	1.8	18	4	0.8	0.7	1.7	17	53
610	560178	5508418	1.5	76.7	0.06	5.7	<1	2	10	13	3100	2.1	11	3	<0.3	2.6	3.0	12	73
611	560010	5508786	3	80.9	0.05	2.3	Inf	4	11	11	3170	0.9	6	2	Inf	Inf	Inf	15	56
612	560060	5509157	11	62.9	0.08	4.8	Inf	3	22	18	13830	0.9	15	10	Inf	Inf	Inf	25	83
613	560449	5509534	16	34.5	0.1	5.2	1	<2	40	34	20840	1.8	28	9	0.5	0.5	1.2	42	120
614	562104	5510076	9	47.3	0.09	12.3	<1	4	31	22	18420	4.9	19	6	0.5	0.6	1.4	30	99
615	563054	5509717	1.7	84.8	<0.05	8.7	<1	4	4	6	4210	3	5	3	<0.3	<0.3	<0.6	6	100
616	563605	5510257	3.2	19.0	<0.05	2.5	<1	<2	4	5	2660	2.2	3	3	0.5	<0.3	1.0	7	15
617	562950	5510814	8.2	29.4	0.05	7	<1	4	25	12	24580	0.6	13	5	<0.3	0.4	0.9	23	54
618	563695	5511035	9.5	19.3	0.06	7.9	<1	<2	23	16	25190	0.6	15	9	<0.3	0.4	0.9	26	44
619	564936	5510888	10.2	36.1	0.06	7.3	<1	7	19	16	22520	3.1	13	5	<0.3	0.5	0.9	22	78
620	565209	5511159	5.8	77.8	0.06	18.7	<1	3	12	15	11490	3	11	5	<0.3	0.7	1.1	14	87
621	565390	5510345	0.9	35.0	<0.05	1.8	<1	4	12	6	4010	0.9	6	3	<0.3	<0.3	<0.6	8	52
622	565735	5509807	12	9.2	<0.05	5.6	<1	3	8	8	21570	1.2	7	3	0.3	<0.3	0.8	11	14
623	566750	5510512	5.1	75.4	0.05	16.1	Inf	5	12	14	7710	4.5	8	5	Inf	Inf	Inf	17	72
624	567405	5510815	5.2	28.5	<0.05	8.3	<1	<2	11	6	116750	1.7	4	6	0.5	0.5	1.2	29	24
625	567969	5511037	11.4	45.1	0.06	5.6	<1	2	19	15	26200	2.3	13	4	0.6	0.7	1.6	18	59
626	570951	5507940	1.2	88.7	<0.05	2.2	Inf	<2	5	12	2090	1.6	13	3	Inf	Inf	Inf	3	73
627	573293	5509868	2.7	12.0	<0.05	3.9	<1	2	21	14	9020	0.7	15	5	<0.3	<0.3	<0.6	16	26
628	574977	5509700	2.1	30.1	0.07	5.3	1	5	33	38	13460	1.8	30	3	<0.3	0.5	0.9	23	49
629	577470	5508873	3.3	59.6	0.12	2.4	Inf	6	26	21	6840	0.9	17	6	Inf	Inf	Inf	31	111
630	577220	5509767	1.2	25.5	0.08	2.9	<1	<2	31	16	15220	0.4	20	6	0.4	0.9	1.6	22	60

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
631	578233	5511201	4.4	15.7	0.09	4	<1	6	29	11	16760	0.3	17	5	<0.3	0.4	0.8	25	52
632	579403	5509196	6.9	84.7	0.08	4.5	<1	4	6	11	8740	4	6	4	<0.3	0.5	0.9	8	81
633	579707	5509660	9.3	35.6	0.11	6.5	1	5	45	24	15970	0.8	28	7	0.5	0.7	1.5	32	96
634	580377	5511083	2	57.6	0.07	8	1	<2	22	21	8470	1.6	17	3	<0.3	0.7	1.2	18	55
635	582075	5510541	4.5	52.3	0.1	7.3	<1	2	23	34	8990	1.4	24	5	<0.3	1.0	1.5	20	64
636	586365	5510268	2	88.3	0.05	4.4	Inf	5	10	16	2100	1.2	17	5	Inf	Inf	Inf	4	63
637	586726	5510268	1	73.8	0.07	10.9	<1	3	11	26	2530	2.3	27	<2	0.7	0.4	1.4	7	84
638	587374	5510650	1	78.8	0.08	13.1	<1	<2	8	43	2550	5.5	25	3	1.0	0.6	1.8	8	108
639	589877	5511960	2.8	14.7	<0.05	3.6	2	4	14	8	7270	0.5	9	4	<0.3	<0.3	<0.6	17	34
640	589113	5512785	2.7	53.5	0.1	7.4	5	<2	21	22	10200	1.4	17	6	<0.3	7.0	7.4	19	79
641	587675	5512549	2.9	17.7	<0.05	4.7	2	<2	22	10	14850	0.5	13	4	<0.3	0.5	0.9	21	45
642	588197	5514465	1.5	35.8	0.07	10.2	<1	2	23	16	13660	1.1	20	5	<0.3	0.6	1.1	21	64
643	592460	5515032	7.5	27.8	0.09	5.9	1	3	29	16	15870	0.5	19	8	<0.3	1.3	1.8	28	82
644	593230	5514955	3.3	19.8	0.06	5.5	1	4	20	12	12150	0.4	15	4	<0.3	0.5	1.0	18	53
645	599982	5512899	1.9	86.2	0.06	6.6	<1	3	5	13	4190	1.7	10	2	<0.3	0.6	1.0	4	92
646	610710	5508831	2	21.4	0.06	3	<1	2	22	16	10310	0.3	16	5	0.3	0.7	1.3	16	38
647	621387	5503465	1.3	56.8	0.05	7.3	<1	5	13	20	11480	3.2	24	3	0.5	0.6	1.4	7	49
648	626192	5499397	1.2	75.8	0.07	6.5	<1	3	10	43	2750	7.9	31	3	0.7	0.7	1.6	10	92
649	625737	5498467	1	76.7	0.08	6.8	<1	4	13	52	8920	8.3	33	3	0.8	0.8	1.9	14	106
650	625069	5496771	0.5	32.0	0.06	6.7	<1	5	18	27	14300	2.8	25	3	0.4	0.4	1.1	16	71
651	628231	5493447	1.2	68.4	0.11	6	1	3	26	57	7480	2.1	34	5	0.9	0.8	2.0	14	114
652	627255	5493018	1	29.4	0.05	4.2	<1	4	18	23	8720	4.2	19	4	<0.3	0.4	0.8	15	62
653	626747	5493504	0.7	51.9	0.07	11.4	<1	<2	20	33	9330	5	26	5	0.5	0.6	1.4	16	74
654	626487	5492316	0.4	44.9	0.06	4.6	<1	5	21	20	7980	2.8	22	4	0.4	<0.3	0.8	16	84
655	624391	5491539	0.8	63.9	0.05	4.2	<1	4	15	14	6470	1.8	20	5	<0.3	0.7	1.1	9	104
656	623778	5489602	1.5	87.5	<0.05	5.5	<1	3	5	11	1900	3.8	10	<2	<0.3	0.5	0.9	4	91
657	623689	5489117	0.8	58.7	0.05	5	<1	<2	17	19	6770	3.2	20	4	<0.3	0.5	1.0	12	84
658	623353	5488094	0.8	82.6	0.06	2.2	<1	4	4	20	1430	5.3	11	<2	<0.3	<0.3	<0.6	5	69
659	624417	5487067	0.5	75.7	0.05	1.8	<1	3	6	24	1880	3.4	15	2	0.5	<0.3	1.0	5	58
660	626286	5487335	1.8	64.0	0.06	3.5	<1	5	11	20	5860	3.3	16	2	<0.3	0.5	0.9	8	81
661	624775	5485652	1.8	83.5	0.05	4.5	<1	<2	6	21	1570	5.2	14	<2	0.4	0.4	1.2	5	81
662	624386	5484921	2.4	87.2	<0.05	4.1	Inf	2	3	11	1310	2.2	10	4	Inf	Inf	Inf	2	57
663	626757	5484959	1.6	70.4	0.08	4.4	<1	2	13	28	7220	4.7	17	3	0.4	0.5	1.2	11	85
664	625744	5486902	2.8	63.5	0.06	3	<1	3	13	21	6500	3.3	17	2	<0.3	0.4	0.9	10	88
665	628062	5490568	1.3	15.7	<0.05	4.7	<1	<2	15	10	9650	1.6	12	6	<0.3	<0.3	<0.6	14	30
666	629216	5487041	0.6	48.8	0.08	10.3	<1	<2	19	35	12940	5.7	27	7	0.7	0.4	1.5	14	84
667	629012	5486595	0.8	67.7	0.1	6.3	<1	<2	22	60	15570	9.2	40	4	0.9	0.7	1.9	18	101
668	629802	5486749	1.6	31.0	<0.05	2.1	<1	3	6	17	5340	2.7	12	3	<0.3	<0.3	<0.6	5	53
669	630398	5485732	1.2	70.7	0.07	2.8	<1	<2	11	32	3040	4.1	29	2	0.4	0.6	1.3	8	67
670	631190	5485090	1.3	57.6	0.08	3.4	<1	3	37	19	12920	1.2	18	5	0.3	0.7	1.3	20	135
671	632346	5485285	0.9	28.1	<0.05	3.6	<1	3	7	21	7330	2.1	15	<2	0.7	0.5	1.5	8	39
672	632970	5485921	0.4	46.5	0.08	4.9	1	<2	14	19	11500	1.8	15	7	0.5	0.5	1.2	13	83
673	633980	5485198	2.6	59.7	0.08	3.9	<1	<2	28	33	10880	2.3	25	5	0.3	0.4	1.0	21	90
674	634466	5486294	4.3	56.1	0.13	4.9	<1	2	33	38	12250	2.4	26	6	0.5	0.9	1.7	25	105
675	634957	5486014	2.2	65.3	0.12	8.6	1	4	32	65	10390	5	46	2	0.9	0.8	2.0	26	113
676	633352	5486891	1	78.4	0.06	2.5	Inf	4	7	16	2370	3.1	10	4	Inf	Inf	Inf	8	70
677	634626	5487949	0.9	54.4	0.09	3.4	<1	<2	34	34	11430	1.2	32	4	0.7	0.9	1.9	20	80
678	634692	5488854	0.3	40.6	0.07	3.9	<1	3	30	42	12230	2.4	26	5	0.7	0.6	1.5	21	93
679	633496	5488646	2.5	21.4	<0.05	2	<1	3	4	10	4140	1.6	7	3	0.4	<0.3	0.9	4	36
680	630762	5487798	1.6	74.6	0.07	3.8	1	3	16	30	4790	2	21	2	1.1	0.6	2.0	9	108
681	628466	5488441	0.6	58.3	0.06	5.8	<1	4	20	28	11770	4.3	29	3	2.8	0.5	3.6	15	86
682	628938	5489548	2.7	15.6	0.06	3	<1	6	22	16	12270	1.1	16	3	0.4	0.4	1.1	19	64
683	628108	5490623	1.3	15.2	<0.05	2.1	<1	4	4	8	4950	1.5	6	3	0.5	0.4	1.1	4	21
684	629601	5489570	0.5	16.4	<0.05	2.1	<1	<2	11	12	7510	2.1	10	2	0.5	0.4	1.2	11	33
685	632391	5489971	0.5	82.8	<0.05	4.6	<1	3	8	13	2440	3.7	10	2	<0.3	<0.3	<0.6	7	72
686	632993	5490649	1.4	82.0	0.06	4.2	<1	3	11	17	3270	2.4	14	<2	<0.3	<0.3	<0.6	7	85
687	631667	5492873	1.2	77.7	0.05	4.3	<1	3	11	22	4930	8.4	21	<2	<0.3	<0.3	<0.6	9	89
688	631940	5493424	1.3	67.2	0.06	4.7	<1	4	15	20	8380	7.5	21	2	<0.3	0.5	1.0	15	83
689	631037	5497295	0.8	70.8	0.08	5.6	<1	4	20	37	10150	5.2	29	3	0.6	0.9	1.8	18	108
690	631105	5499055	1	63.4	0.06	3.6	<1	3	12	25	1860	3.9	27	<2	0.4	0.5	1.2	7	60
691	629594	5498490	1	80.6	0.06	5	Inf	3	7	14	1950	3.5	12	5	Inf	Inf	Inf	6	82
692	629699	5497532	0.5	83.9	0.06	5.1	<1	<2	9	16	3310	4.5	12	2	0.4	<0.3	0.8	8	95
693	628688	5498271	1.4	66.8	0.07	5.6	<1	4	21	32	8630	5.6	35	5	0.5	0.3	1.1	15	116
694	629291	5499032	1.5	89.7	0.07	2.2	Inf	<2	12	30	1510	3	19	<2	Inf	Inf	Inf	4	78
695	629642	5499548	2	67.8	0.08	3	<1	<2	19	36	4030	1.8	33	2	0.3	0.6	1.2	9	67
696	629343	5499593	1.2	59.9	0.06	4.4	<1	2	17	43	3360	4.7	39	<2	0.4	0.8	1.4	10	61
697	629569	5502743	0.9	65.1	0.06	3.7	<1	4	12	34	2980	4.9	28	3	0.5	0.6	1.3	10	69
698	628129	5502939	0.4	56.7	<0.05	3.7	1	<2	19	15	6350	0.8	18	4	<0.3	0.5	0.9	10	102
699	624185	5504733	9.3	15.1	0.09	5.1	1	4	45	24	26030	0.6	30	9	1.6	0.4	2.3	42	76
700	623506	5504859	4.9	13.9	0.08	4.1	<1	2	43	20	20630	0.5	27	7	<0.3	0.5	0.9	34	62
701	620832	5511760	0.3	9.7	<0.05	3.2	<1	2	22	10	9480	0.4	12	6	<0.3	<0.3	<0.6	20	34
702	624549	5509969	2	71.1	0.08	5.1	1	2	18	29	6640	2.2	21	6	0.3	0.8	1.2	12	109
703	625946	5510540	8.2	43.8	0.13	5.9	1	5	37	39	20470	2.3	27	7	0.4	0.8	1.6	38	106
704	625439	5507552	1.2	78.2	<0.05	4.2	<1	<2	9	12	5080	0.9	9	3	<0.3	0.4	1.1	8	39
705	630737	5510429	1.3	77.8	0.09	3.2	1	3	9	28	4150	3.3	16	3	0.4	0.5	1.2	10	82
706	634592	5505525	1	79.8	0.06	3.9	1	4	11	45	2470	7.3	38	2	0.6	0.6	1.5	11	92
707	634885	5505093	0.9	74.3	0.06	3.9	1	3	11	41	2100	6.5	44	2	0.5	<0.3	1.0	9	77
708	640701	5505196	1	80.1	0.06	3.9	1	<2	8	29	2500	4.2	25	3	<0.3	0.5	0.9	7	91

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method----------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
709	641820	5502870	1	59.1	0.05	17.4	<1	<2	12	15	14600	2.2	14	5	<0.3	0.4	0.8	28	165
710	642314	5501114	1.7	74.4	0.09	9.7	1	6	9	37	8220	5.3	18	3	0.9	0.7	1.9	14	126
711	641597	5499249	1.3	83.0	<0.05	5.3	2	<2	8	32	3150	4.3	39	3	0.3	0.5	1.1	8	82
712	640186	5496262	0.8	18.2	<0.05	2.4	<1	3	9	11	5400	1	8	3	0.6	0.5	1.4	5	38
713	640578	5495063	0.7	49.1	<0.05	3.4	<1	3	13	6	6470	0.6	8	12	<0.3	0.4	0.8	8	64
714	637955	5492665	1.2	72.6	0.05	4.6	<1	4	10	21	4750	5	19	3	<0.3	0.5	1.0	9	133
715	639321	5492701	0.8	77.0	0.05	12.2	<1	4	8	17	6390	4	15	6	<0.3	<0.3	<0.6	9	119
716	639272	5492360	0.4	44.3	0.06	3.4	<1	3	16	9	7750	0.5	7	14	<0.3	0.5	1.0	12	64
717	640376	5491001	0.7	44.1	0.06	7.6	<1	4	22	18	8680	2.3	22	4	<0.3	0.5	0.9	14	91
718	644046	5488256	4.1	15.9	0.06	4.6	<1	4	26	12	15000	0.6	17	4	0.3	0.4	1.0	22	57
719	643939	5486968	4.7	25.1	0.09	11.4	2	<2	43	24	24970	0.9	29	7	0.6	0.6	1.5	34	106
720	644306	5485354	6.1	37.0	0.11	4.7	2	3	55	26	24230	1.1	32	7	0.7	0.8	1.8	41	121
721	641735	5485310	4	88.1	<0.05	2.9	<1	<2	5	7	2720	1.4	7	<2	<0.3	<0.3	<0.6	3	42
722	641086	5485016	0.4	52.3	0.06	5.7	1	3	7	26	7780	4.6	16	4	<0.3	0.7	1.2	10	65
723	640299	5486331	1.4	79.3	0.07	4.3	1	3	11	22	4620	1.2	15	2	0.5	0.7	1.5	7	111
724	637466	5485006	0.9	77.3	0.06	6.8	<1	4	9	11	4260	1.8	9	5	<0.3	<0.3	<0.6	9	125
725	636512	5486493	1.3	80.2	0.08	2.9	<1	3	10	47	2420	7.7	18	<2	1.1	0.6	2.0	12	74
726	637346	5486877	0.8	56.7	<0.05	3.7	<1	<2	18	18	8590	2	15	5	0.4	0.8	1.3	24	94
727	638136	5486512	3.9	35.9	0.09	5.5	3	4	55	31	20850	1.2	35	6	3.2	0.9	4.4	36	156
728	638445	5487596	6.8	6.7	<0.05	1.4	<1	<2	33	6	19890	0.4	16	3	0.4	0.3	1.1	26	95
729	637223	5487797	2.5	79.1	0.06	5	<1	3	11	38	5120	7	26	3	<0.3	<0.3	<0.6	13	93
730	637965	5489313	3.6	32.4	0.09	6.6	1	<2	56	38	23150	1.8	39	6	0.8	1.0	2.1	43	145
731	638260	5490242	1.2	68.5	0.06	4.9	<1	<2	21	33	9200	4.9	36	3	0.4	0.6	1.3	13	133
732	640232	5490729	1.6	63.3	0.06	1.8	1	<2	24	11	7320	0.6	9	9	<0.3	0.5	0.9	10	45
733	640417	5491059	1.2	69.1	0.07	5.2	3	<2	15	41	10510	6.5	26	3	0.6	0.7	1.6	20	121
734	639362	5492736	0.4	57.8	0.09	3.7	<1	<2	27	28	10070	1.1	28	5	0.5	0.8	1.6	17	72
735	637979	5492637	1	66.5	<0.05	3.6	<1	<2	12	12	8050	3.3	15	5	<0.3	<0.3	<0.6	12	109
736	637836	5491657	2.5	75.1	0.07	5.2	<1	6	11	34	6840	6.7	22	3	0.5	0.4	1.2	15	124
737	637276	5490554	8	10.0	<0.05	1.6	<1	<2	17	6	7660	0.3	9	<2	<0.3	0.3	0.8	15	37
738	636708	5491568	5.4	43.5	0.12	2	1	5	63	33	18410	1.1	30	6	0 8	1.0	2.1	41	146
739	636214	5493254	0.1	53.6	0.08	3.4	<1	3	28	23	10640	0.7	18	5	0.6	0.7	1.6	16	81
740	636393	5494340	0.8	60.0	0.07	2.4	<1	<2	22	23	10130	0.7	20	5	0.5	0.6	1.4	13	76
741	634864	5493374	0.8	76.8	0.06	4.9	<1	5	12	24	2990	3.9	25	2	<0.3	0.6	1.1	8	66
742	635246	5494789	0.1	25.3	<0.05	3	2	<2	24	9	9900	0.4	11	6	<0.3	0.5	1.0	16	64
743	634192	5495824	1.3	78.7	<0.05	7	<1	<2	11	25	8450	6.3	21	2	0.3	0.4	1.1	13	124
744	636233	5497751	1.6	87.9	0.07	2.5	Inf	4	5	21	1560	3.1	12	<2	Inf	Inf	Inf	4	59
745	635302	5498513	0.8	20.7	0.06	6.1	Inf	3	22	16	14640	1.5	19	3	Inf	Inf	Inf	19	69
746	637854	5500395	1.4	11.0	<0.05	0.7	1	4	22	16	8280	0.2	12	3	<0.3	0.3	0.8	17	36
747	633894	5503102	1.3	77.2	<0.05	2.6	2	2	11	25	2740	3.3	34	<2	0.4	0.3	1.1	6	93
748	633092	5502384	1.2	78.8	0.05	4.3	2	4	12	45	3310	6.5	32	<2	1.4	0.6	2.3	11	98
749	628106	5506911	1.2	65.7	<0.05	8.8	<1	<2	14	21	7230	1.8	26	<2	0.4	0.5	1.1	8	73
750	627879	5506444	0.9	62.7	<0.05	3.5	<1	4	19	18	6390	0.7	22	3	0.4	0.4	1.1	8	81
751	608398	5519552	0.2	47.3	<0.05	5.3	2	3	18	13	10180	1.6	21	6	<0.3	0.4	0.8	14	91
752	605007	5515492	1.3	68.2	0.06	4	2	3	17	24	8120	0.8	19	5	0.4	5.2	5.9	11	71
753	605390	5516264	1.6	76.2	0.08	6.5	1	3	12	42	6970	3	18	3	0.8	0.6	1.5	11	116
754	604415	5516389	1.6	72.3	0.06	3.8	<1	5	9	21	2770	2.2	14	5	<0.3	<0.3	<0.6	7	79
755	599888	5516271	1	81.7	0.06	4.7	Inf	3	6	11	2480	2.2	9	4	Inf	Inf	Inf	5	104
756	593373	5516363	5.8	24.5	0.08	4.3	1	<2	28	15	19790	0.5	18	5	<0.3	0.4	0.8	31	78
757	591977	5516179	8.4	26.0	0.07	3.7	1	4	32	15	18450	0.5	20	8	<0.3	0.8	1.3	30	104
758	592475	5516985	6.2	7.6	<0.05	3.3	<1	2	15	8	9830	0.3	10	3	<0.3	<0.3	<0.6	16	30
759	591301	5517478	0.8	35.2	<0.05	6.9	2	4	7	9	6940	0.7	10	2	<0.3	0.3	0.8	6	50
760	588824	5517070	1.9	28.2	<0.05	4.1	1	5	21	12	12750	0.4	13	5	<0.3	<0.3	<0.6	19	66
761	587489	5515641	3.8	18.6	0.07	5.1	2	<2	24	13	28190	0.4	15	6	<0.3	0.4	0.8	29	68
762	586398	5515939	3.2	33.1	0.09	5.8	1	<2	33	24	19810	0.8	21	6	0.3	0.4	1.0	35	111
763	585387	5513882	1.1	72.7	0.06	3.4	1	4	17	32	5390	1.5	18	3	0.4	0.3	1.0	9	91
764	584622	5514165	2	73.4	0.07	4.9	Inf	2	14	70	10870	11.8	24	<2	Inf	Inf	Inf	17	102
765	583921	5512749	3	49.7	0.05	9	1	4	27	24	22570	1	24	4	0.4	2.3	3.0	25	81
766	582787	5512094	4.5	23.9	<0.05	5.4	1	2	21	13	13110	0.6	14	4	<0.3	<0.3	<0.6	21	48
767	582098	5511954	6.5	19.3	0.05	4.4	<1	4	22	13	21150	0.5	14	3	<0.3	0.4	0.8	24	51
768	579698	5512055	5.5	16.4	<0.05	2.4	<1	3	18	8	11440	0.2	11	3	0.3	0.5	1.1	16	35
769	579256	5512513	3.9	30.0	<0.05	4.2	<1	5	21	25	16810	0.6	15	3	0.4	0.4	1.2	19	50
770	578783	5511750	4	19.5	0.07	3.9	<1	4	34	13	21730	0.3	21	5	0.5	0.4	1.2	28	73
771	578186	5511686	5.5	18.9	0.07	2.7	2	5	30	13	16270	0.3	18	5	0.3	0.3	1.0	25	56
772	576400	5512050	2	70.6	0.07	11.2	1	3	23	31	6240	1.8	30	3	0.4	0.6	1.2	14	92
773	575226	5511803	1	66.5	<0.05	3.1	<1	<2	11	10	3440	1.9	8	2	<0.3	<0.3	<0.6	12	88
774	574941	5511606	3.1	38.1	0.05	5.6	<1	6	30	18	25780	1.3	20	6	0.5	0.4	1.2	21	67
775	574333	5511559	4.2	51.3	0.06	4.6	<1	5	35	23	19510	1.1	23	3	0.7	0.5	1.5	22	82
776	573516	5511952	2.7	64.7	0.07	3.5	Inf	<2	13	11	3470	0.9	8	7	Inf	Inf	Inf	11	91
777	573277	5511650	1.2	50.2	<0.05	2.1	<1	<2	15	9	3240	0.6	7	4	<0.3	<0.3	<0.6	11	90
778	571138	5511565	3.3	25.5	<0.05	3.9	<1	3	18	8	9650	0.6	10	3	<0.3	<0.3	<0.6	14	35
779	569894	5511627	3.5	14.2	<0.05	5.5	8	2	16	7	10750	0.5	10	<2	<0.3	<0.3	<0.6	16	42
780	569242	5511471	4.8	29.7	0.07	10	<1	2	32	14	23260	0.7	20	5	<0.3	0.4	0.8	27	93
781	568756	5511778	1.1	73.2	<0.05	20.5	<1	<2	7	15	5360	4.9	13	<2	0.3	0.8	1.4	6	71
782	565303	5511153	5.6	30.0	<0.05	9.4	<1	<2	4	4	8910	0.9	6	2	0.4	<0.3	0.8	5	27
783	563957	5511329	1.4	14.4	<0.05	3.1	<1	<2	15	6	9450	0.2	8	2	<0.3	<0.3	<0.6	12	28
784	563712	5511627	5.9	29.2	0.06	3.1	2	2	22	15	14760	0.9	13	4	<0.3	0.4	0.9	22	42
785	562675	5512477	8.3	23.6	<0.05	2.3	1	2	12	7	11760	0.6	6	3	<0.3	<0.3	<0.6	13	23
786	562103	5512056	5.8	34.3	0.1	5	<1	<2	35	34	19590	1.8	25	7	<0.3	0.4	0.9	37	115

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit-->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units-------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
787	559232	5510417	4.5	42.3	<0.05	6.4	<1	2	6	9	46330	3.7	4	2	<0.3	0.4	0.8	10	27
788	558562	5509946	1.1	26.5	<0.05	5.9	<1	4	15	12	9440	0.4	12	3	0.3	0.5	1.1	11	28
789	557778	5510323	1.4	64.5	0.05	9.6	<1	2	9	14	6030	4.7	10	2	<0.3	0.5	0.9	10	89
790	557376	5508882	2	68.4	0.06	2.2	<1	<2	11	14	3850	1.3	10	3	<0.3	0.4	0.9	8	67
791	554812	5508183	1.6	57.3	<0.05	6.4	<1	5	15	16	10930	1.1	13	3	0.4	0.5	1.3	15	58
792	553989	5509930	5.9	40.6	0.06	4.8	5	<2	23	14	32110	0.9	11	3	0.5	0.7	1.6	29	86
793	552427	5509911	2.7	42.9	<0.05	10.4	<1	2	15	10	10680	1.5	9	3	0.4	0.3	1.1	17	78
794	552172	5510729	1.5	77.8	<0.05	4.6	<1	<2	4	8	2110	2.4	5	<2	0.3	0.4	1.1	4	114
795	549464	5509851	2	14.5	<0.05	9	<1	<2	11	8	6340	1.3	5	<2	0.5	0.4	1.2	17	20
796	548960	5509585	6.3	27.0	<0.05	25.8	<1	2	18	11	71890	0.5	6	4	0.6	0.6	1.5	38	50
797	547441	5510528	10.6	11.1	<0.05	1.9	<1	<2	14	6	10070	0.3	6	5	<0.3	0.4	0.9	16	24
798	547425	5509198	12.3	49.5	0.1	11.6	1	4	36	32	18850	2.3	12	3	3.1	1.2	4.5	53	62
799	545051	5511713	0.3	39.9	<0.05	15.1	1	4	11	4	53880	1.2	4	8	<0.3	<0.3	<0.6	14	61
800	551235	5511675	4.6	12.2	<0.05	3	<1	4	5	12	14630	0.5	3	<2	0.8	0.3	1.4	18	15
801	546146	5511905	8.9	87.2	0.06	3.5	1	7	5	11	13230	1.7	6	<2	0.5	<0.3	0.9	8	141
802	547664	5511622	10	11.2	<0.05	11	Inf	2	11	8	15370	3.3	5	2	Inf	Inf	Inf	15	27
803	552158	5511318	3.3	72.6	0.09	3.1	2	5	16	26	4590	1.6	12	3	0.5	0.6	1.4	24	96
804	554211	5512144	1.3	74.7	<0.05	6	<1	<2	8	8	5520	2.3	5	2	<0.3	<0.3	<0.6	6	75
805	554281	5512553	2.5	71.6	0.06	1.9	<1	5	14	9	4000	1.2	8	3	<0.3	<0.3	<0.6	17	67
806	554612	5511472	1.3	46.3	<0.05	5.1	<1	4	20	14	7490	1.8	11	3	0.5	0.4	1.2	15	57
807	558276	5511563	1.2	68.3	0.05	4.1	<1	5	7	12	5690	3	9	5	<0.3	<0.3	<0.6	6	79
808	558294	5511698	1.4	55.3	0.05	4.4	<1	5	9	13	5840	3.9	8	3	<0.3	0.4	0.9	9	70
809	558752	5512359	1.5	79.7	<0.05	3.8	1	<2	8	14	10230	2.8	9	<2	<0.3	0.4	0.9	6	71
810	560106	5512455	1.2	78.5	<0.05	1.9	<1	4	6	6	3690	1.1	3	<2	<0.3	0.3	0.8	6	66
811	560078	5512701	1.5	40.3	<0.05	4.1	<1	<2	6	6	7910	2.1	4	<2	<0.3	<0.3	<0.6	6	26
812	560502	5513499	1.4	57.5	0.07	2.9	<1	<2	19	14	4260	1.1	11	5	<0.3	0.4	0.9	17	94
813	560734	5513708	7.1	75.7	0.06	2.2	<1	4	12	14	3820	1.2	7	3	<0.3	<0.3	<0.6	15	123
814	560855	5513294	0.6	22.0	<0.05	3.8	<1	2	4	4	8160	3.5	3	<2	<0.3	0.4	0.9	6	17
815	561350	5513169	4.1	24.7	<0.05	2.1	<1	5	5	4	4770	1.5	3	<2	0.4	<0.3	0.8	7	13
816	561715	5513860	3	59.7	<0.05	1.9	<1	<2	8	8	8180	2.6	5	3	<0.3	0.3	0.8	14	59
817	561832	5514083	1.7	70.1	0.06	3.5	<1	<2	7	9	8160	4.2	5	<2	<0.3	0.5	0.9	9	93
818	561977	5514723	7.5	35.0	<0.05	4.8	<1	4	12	19	10230	2.6	8	2	0.9	0.6	1.8	19	39
819	562566	5514873	2.7	84.8	0.06	2.9	Inf	<2	8	13	3600	3.4	5	<2	Inf	Inf	Inf	9	109
820	563219	5515448	5.5	12.7	<0.05	1.8	<1	4	2	3	1830	1.1	1	<2	0.4	<0.3	0.8	3	7
821	562928	5515083	5.5	58.8	<0.05	4.8	<1	4	9	14	2390	5	3	<2	0.8	1.0	2.1	9	58
822	562459	5515028	0.7	25.1	<0.05	4	<1	<2	5	6	4430	0.6	3	3	0.5	0.4	1.2	5	16
823	562384	5514164	1.2	60.1	0.05	7.3	1	5	12	15	65910	2	7	5	0.3	0.6	1.3	19	59
824	562645	5513250	1.5	65.2	0.05	3.8	<1	<2	12	12	6590	3.7	8	2	<0.3	0.4	0.9	17	75
825	563928	5513313	8.3	28.5	<0.05	4.7	<1	3	9	10	6140	2.2	7	3	<0.3	<0.3	<0.6	12	37
826	563888	5513989	2.4	12.8	<0.05	1.8	<1	3	2	4	4430	0.5	4	<2	<0.3	<0.3	<0.6	3	11
827	565952	5513566	2.4	77.1	<0.05	3.1	Inf	6	6	7	3160	2.6	5	<2	Inf	Inf	Inf	6	55
828	564475	5514881	1.8	72.9	0.07	2.6	<1	2	15	14	4090	1.3	8	2	<0.3	1.4	1.9	22	81
829	565588	5515517	14.4	36.6	<0.05	4.3	<1	5	11	14	19240	2.4	8	5	<0.3	0.4	0.8	16	33
830	568541	5515079	4.3	60.1	<0.05	7.6	<1	2	11	9	9770	2.7	7	3	<0.3	0.5	1.0	13	40
831	568170	5515525	4.3	55.5	<0.05	8.8	<1	5	8	8	11190	2.4	6	5	<0.3	0.3	0.8	10	43
832	566560	5515713	12.5	6.1	<0.05	2.7	<1	<2	9	3	8680	0.2	5	2	<0.3	<0.3	<0.6	9	17
833	566342	5516500	5	32.9	<0.05	5.7	<1	4	9	12	25710	2.1	6	<2	<0.3	0.7	1.2	15	25
834	567388	5516481	2.9	51.7	<0.05	6.6	<1	4	9	9	27520	1.9	6	3	<0.3	<0.3	<0.6	14	56
835	567668	5517072	9	54.3	0.06	7.7	<1	6	14	13	16020	3.1	9	7	0.4	0.8	1.4	19	55
836	569419	5517192	0.8	38.3	<0.05	4.9	<1	<2	17	10	9470	0.9	12	3	<0.3	<0.3	<0.6	11	88
837	569570	5517614	7.5	81.3	0.07	1.8	<1	2	12	13	3670	1.4	8	3	<0.3	0.5	0.9	13	135
838	569860	5517594	1.3	78.3	<0.05	5.6	<1	3	9	17	20920	14.8	5	2	0.6	0.9	1.7	18	148
839	569965	5517810	4.2	67.5	0.05	4.3	<1	2	15	17	6620	3.3	8	2	0.5	0.6	1.3	22	88
840	570944	5518150	4.1	74.5	0.06	2.3	Inf	5	13	12	3450	1.1	7	2	Inf	Inf	Inf	12	73
841	571764	5519223	2.5	11.0	<0.05	3	5	<2	18	5	11620	0.2	10	3	<0.3	0.3	0.8	15	54
842	571760	5520925	1.2	36.1	<0.05	3.8	<1	6	13	8	6470	0.5	9	5	<0.3	0.3	0.8	9	40
843	571538	5521515	1.7	83.7	<0.05	3.1	<1	2	4	12	2870	5.5	9	<2	<0.3	0.6	1.0	3	98
844	572048	5522444	1.4	84.2	<0.05	2.7	<1	4	5	35	2880	1.5	20	<2	0.6	0.8	1.7	3	62
845	572316	5519766	5	15.5	0.05	2.7	<1	3	20	7	12050	0.2	11	4	<0.3	<0.3	<0.6	15	64
846	574729	5517186	3	53.8	0.07	5.4	1	5	23	14	14970	0.9	19	4	<0.3	0.3	0.8	19	95
847	574721	5516583	3	41.6	0.07	4.1	1	4	23	10	14160	0.9	16	4	<0.3	0.3	0.8	16	82
848	574216	5514854	1.4	47.5	0.06	4.2	1	2	23	15	16240	1.1	19	4	<0.3	0.4	0.8	18	60
849	573039	5514328	5.4	21.4	0.07	8.5	<1	<2	29	12	50690	0.4	16	6	<0.3	0.4	0.9	31	66
850	573144	5513488	0.3	83.5	0.06	2.5	<1	5	4	10	1590	3.6	5	<2	<0.3	<0.3	<0.6	4	85
851	573843	5513686	17	12.2	0.05	3.6	1	4	32	9	12820	0.8	14	8	0.3	0.6	1.2	22	33
852	573787	5512945	0.5	26.7	<0.05	4.6	<1	<2	14	15	10510	2.8	10	4	0.4	0.4	1.1	13	36
853	575636	5513404	5.2	21.1	<0.05	3.2	<1	3	8	9	5830	1.4	7	4	<0.3	<0.3	<0.6	8	21
854	575035	5514034	1	74.7	0.08	1.2	Inf	2	8	11	2530	1.8	8	6	Inf	Inf	Inf	9	94
855	575781	5514423	0.1	75.1	0.1	3.9	Inf	3	15	30	4970	4.3	13	6	Inf	Inf	Inf	17	120
856	576083	5513963	8	43.3	0.12	5.3	2	<2	33	30	19550	1.1	22	6	0.3	0.7	1.4	29	85
857	576940	5512932	13	56.4	0.11	0.9	Inf	<2	24	22	10460	1.6	15	6	Inf	Inf	Inf	29	92
858	577749	5515152	4.6	20.2	0.06	2.2	<1	4	28	15	13300	0.4	19	6	<0.3	<0.3	<0.6	24	65
859	580191	5514324	1.4	76.4	<0.05	13.3	Inf	4	7	22	8050	3.4	16	<2	Inf	Inf	Inf	7	76
860	582720	5514622	1.5	75.0	0.1	2.6	Inf	2	14	49	3640	1.7	21	3	Inf	Inf	Inf	10	79
861	583129	5514057	0.8	87.7	<0.05	<0.5	Inf	2	5	20	1930	1.6	14	<2	Inf	Inf	Inf	3	39
862	584759	5516566	3.2	71.4	0.07	2.5	Inf	<2	13	43	9060	3.5	25	3	Inf	Inf	Inf	11	86
863	585706	5516122	3.2	66.4	<0.05	4.2	Inf	<2	12	30	9730	5.7	25	3	Inf	Inf	Inf	10	85
864	586060	5517501	1.8	77.6	<0.05	0.7	Inf	<2	8	17	4640	2.7	15	5	Inf	Inf	Inf	8	99

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
865	587792	5517440	1.5	84.5	0.06	2	Inf	<2	8	15	7690	2.5	10	2	Inf	Inf	Inf	10	103
866	587194	5516940	0.2	78.7	<0.05	7.7	Inf	<2	4	5	43670	2.2	4	<2	Inf	Inf	Inf	6	127
867	589765	5518206	4.7	25.5	<0.05	2.4	<1	8	17	13	7390	0.7	13	3	<0.3	0.7	1.1	15	49
868	588773	5518875	1.4	71.2	0.05	4.3	2	3	14	20	9000	1.3	14	5	<0.3	<0.3	<0.6	14	72
869	588286	5518720	1.2	74.3	0.06	9.6	<1	2	14	18	7540	1.3	17	3	0.5	0.8	1.6	13	89
870	587982	5519026	1.4	20.6	<0.05	3	<1	5	2	8	3050	1.2	5	<2	<0.3	<0.3	<0.6	3	30
871	589056	5520036	1.4	31.4	0.08	4.8	<1	<2	34	20	20760	0.7	22	6	<0.3	0.3	0.8	32	88
872	589807	5520663	1.3	52.8	0.05	5.2	<1	9	19	22	6970	2.5	19	4	<0.3	<0.3	<0.6	17	77
873	590447	5521388	1.5	45.5	<0.05	5	<1	8	19	18	7320	1.9	16	5	<0.3	<0.3	<0.6	18	68
874	593198	5520241	0.5	59.8	0.06	9.8	1	7	18	28	10590	3.4	16	4	0.6	0.6	1.6	24	80
875	593597	5520590	0.5	72.5	0.06	6.4	<1	4	16	31	6990	2.9	16	3	0.8	0.9	2.0	18	75
876	596228	5519859	4.4	18.6	<0.05	5.2	1	<2	24	15	13700	0.5	17	5	<0.3	<0.3	<0.6	25	51
877	595956	5518956	4.2	23.3	0.05	4.5	<1	7	22	15	11280	0.8	16	5	<0.3	0.3	0.8	25	49
878	597738	5519825	1.9	82.9	0.08	4.2	Inf	3	8	22	2910	2.9	12	3	Inf	Inf	Inf	8	77
879	599388	5519834	2.3	73.8	0.05	5.2	<1	3	12	21	6460	5.1	17	3	<0.3	<0.3	<0.6	11	75
880	600235	5520623	1.1	71.1	0.07	4.9	<1	4	12	20	6640	4.2	17	3	<0.3	<0.3	<0.6	12	90
881	601453	5520507	0.7	39.6	<0.05	6.5	2	<2	17	20	11110	2.1	18	5	<0.3	<0.3	<0.6	16	72
882	601831	5521560	1.2	39.4	0.05	9.3	1	4	18	19	14110	1.7	19	5	<0.3	0.4	0.9	19	67
883	605914	5520912	0.4	19.8	0.06	5.4	<1	3	21	14	12020	0.9	19	6	<0.3	<0.3	<0.6	22	59
884	607131	5520382	0.7	59.8	<0.05	5.7	<1	4	19	20	9540	2.7	25	4	<0.3	0.3	0.8	17	90
885	605568	5522382	5.2	71.8	0.07	2.8	<1	5	15	37	9290	1.9	17	3	<0.3	0.5	1.0	13	70
886	602321	5523321	1.2	85.6	0.05	3.9	1	3	5	12	2050	2.1	8	3	<0.3	1.7	2.2	5	116
887	598195	5520710	3	44.6	0.07	5.9	<1	6	30	24	15440	1.4	25	5	<0.3	0.3	0.8	28	75
888	597214	5521879	5.4	30.5	0.1	3.5	1	4	37	19	20680	0.6	25	8	<0.3	0.3	0.8	34	93
889	595705	5523097	1.2	49.5	<0.05	5.1	<1	7	6	20	5840	2.4	13	3	<0.3	0.4	0.8	7	84
890	594624	5523640	1.4	79.2	0.06	6.2	1	2	6	24	2310	4.5	15	3	0.6	0.8	1.7	8	90
891	593814	5522662	1	76.5	0.06	4.9	1	4	9	27	2780	2.9	10	4	0.6	0.6	1.5	10	82
892	591913	5523173	1.3	74.9	0.05	7.3	<1	6	12	22	5980	3.4	17	4	<0.3	0.3	0.8	13	98
893	592185	5523695	0.7	65.9	0.06	6.4	<1	4	16	22	7550	3.4	20	5	<0.3	0.5	1.0	14	102
894	590581	5523481	2.1	69.9	0.08	5.1	<1	<2	16	30	6410	4.1	29	<2	0.6	0.6	1.5	14	89
895	589391	5525658	0.8	79.1	0.08	7.6	2	3	9	15	4470	3.1	9	3	<0.3	<0.3	<0.6	12	94
896	586628	5526263	1.2	76.3	0.07	6.5	<1	<2	11	26	4800	4.2	16	<2	<0.3	0.4	0.9	15	102
897	587194	5524086	1.1	80.9	<0.05	7.6	2	5	8	18	4230	4	16	<2	0.4	0.4	1.1	8	110
898	587851	5523331	1.1	86.0	0.05	7.5	<1	8	9	18	2730	3.5	16	<2	<0.3	0.4	0.9	7	95
899	587422	5523282	1	83.8	0.08	3.4	<1	3	6	15	2090	2.4	8	3	<0.3	<0.3	<0.6	7	78
900	583516	5521414	4	29.7	<0.05	2.4	<1	3	8	12	18890	2.5	7	3	<0.3	<0.3	<0.6	9	37
901	583027	5520744	5.3	32.8	<0.05	3.4	<1	2	8	10	16510	1.9	7	3	<0.3	<0.3	<0.6	9	33
902	581789	5520125	2.5	20.4	0.06	3.5	<1	7	22	11	11440	0.5	14	4	<0.3	0.3	0.8	20	38
903	581469	5519644	3.3	14.5	<0.05	2.4	<1	3	19	8	10240	0.3	11	3	<0.3	<0.3	<0.6	17	32
904	576532	5517371	3	66.0	0.1	3.3	2	<2	31	32	11300	2.5	18	8	1.0	0.8	2.1	28	118
905	575473	5515952	0.9	23.2	0.05	2.2	<1	<2	19	8	10940	0.4	10	4	<0.3	0.4	0.8	16	44
906	577200	5518256	6.6	58.6	0.12	3.9	Inf	4	24	17	10500	0.9	16	18	Inf	Inf	Inf	27	113
907	577597	5518718	3	78.3	0.1	1.3	Inf	4	16	16	3980	1.4	12	4	Inf	Inf	Inf	17	168
908	577893	5519442	1.8	90.9	0.07	1.3	<1	<2	10	11	1460	1.4	10	4	<0.3	<0.3	<0.6	8	31
909	578844	5522148	1.5	51.4	0.05	2.4	<1	<2	13	16	8730	1.8	13	3	0.4	<0.3	0.8	10	65
910	579916	5522790	5.2	2.3	<0.05	2.3	1	5	22	12	13860	0.2	15	7	<0.3	0.4	1.0	25	30
911	580170	5521605	6.6	14.4	0.07	3.2	<1	<2	37	13	23330	0.3	23	11	<0.3	<0.3	<0.6	34	74
912	581501	5522359	6.7	11.7	0.07	3.1	1	5	33	12	22260	0.3	21	9	<0.3	<0.3	<0.6	31	66
913	582536	5521522	9.5	48.5	0.07	5.3	1	<2	25	17	14590	1.5	18	14	<0.3	0.5	0.9	27	65
914	582704	5522087	6.4	37.5	0.09	3.7	1	3	28	21	18880	1.5	21	7	<0.3	0.5	0.9	30	68
915	582972	5522949	3	1.3	0.06	2	<1	2	20	12	11540	0.2	14	6	<0.3	<0.3	<0.6	24	25
916	581728	5524213	3	5.0	<0.05	3.5	<1	<2	19	8	11200	0.3	12	6	<0.3	<0.3	<0.6	20	30
917	582544	5525256	3.1	17.4	0.05	4.6	<1	<2	19	13	12830	0.4	14	6	<0.3	<0.3	<0.6	19	48
918	583161	5526077	1	53.6	0.07	4.7	<1	3	19	17	9540	1.1	17	6	<0.3	0.5	0.9	16	60
919	585687	5529042	2.9	53.7	0.09	5.7	1	7	26	18	14390	1.9	20	19	<0.3	<0.3	<0.6	26	88
920	584608	5529714	2.5	52.3	0.05	5.4	<1	2	8	14	9380	2.5	9	6	<0.3	<0.3	<0.6	9	56
921	584165	5530034	8.3	65.6	0.08	5.6	2	6	21	22	11610	2.2	17	7	0.8	0.4	1.3	21	89
922	584663	5530145	6.3	32.9	<0.05	6.1	<1	3	3	11	26490	1.5	4	5	0.4	0.4	1.1	6	21
923	588473	5531522	1.2	81.1	0.08	4.9	1	2	8	17	3600	3.8	11	<2	0.6	0.3	1.2	13	146
924	590326	5531800	1.1	61.3	0.09	4.4	1	5	18	21	8230	3	17	4	0.4	0.5	1.2	20	98
925	588045	5533633	1.4	74.2	0.06	5.6	<1	<2	11	27	4450	3.9	21	2	0.5	0.5	1.3	14	104
926	584141	5531905	0.6	50.5	0.05	4.5	<1	4	20	19	11140	1.7	19	5	<0.3	0.4	0.8	19	57
927	582169	5533411	1.1	84.7	0.07	5.8	<1	4	8	25	3900	4.4	15	2	0.6	1.0	1.9	11	114
928	581530	5535230	2	65.3	0.07	7.3	Inf	4	13	16	7960	2.6	11	11	Inf	Inf	Inf	24	136
929	578962	5536403	5.5	48.5	0.08	5	<1	3	27	18	14480	1	20	5	0.4	0.3	1.0	28	101
930	575517	5537387	1.2	87.9	0.09	5.8	<1	<2	7	20	2750	3.5	16	<2	<0.3	0.4	0.9	8	105
931	575845	5534547	1	49.8	0.07	4.8	<1	<2	26	15	13280	1	19	7	<0.3	<0.3	<0.6	29	92
932	571945	5532854	2.4	40.2	0.1	2.7	<1	<2	31	26	17970	0.9	24	6	0.5	0.4	1.2	29	106
933	573135	5532396	2	53.5	0.12	1.5	<1	4	28	39	16340	1.2	31	6	0.6	0.4	1.3	25	82
934	573101	5530651	1.9	29.9	0.07	1.3	<1	3	27	27	12960	0.4	19	6	0.4	0.5	1.2	21	57
935	572635	5528905	6.6	41.0	0.13	2.3	<1	6	35	52	16700	0.8	27	7	0.9	0.5	1.7	32	83
936	573683	5529761	1.3	38.4	0.08	2.1	<1	4	26	21	13600	1.4	21	6	<0.3	<0.3	<0.6	23	62
937	574395	5530848	1.8	33.3	0.09	3	3	3	25	22	13770	0.8	20	5	0.5	0.5	1.3	24	67
938	575566	5529005	2	56.9	0.09	6.7	<1	3	22	22	11670	1.3	18	3	0.3	0.4	1.0	22	82
939	576752	5530278	2.4	33.6	0.07	5.4	2	5	30	17	16200	0.6	20	5	0.3	<0.3	0.8	25	69
940	577071	5531504	1.3	62.1	0.07	5.8	<1	4	14	21	6420	1.9	13	15	<0.3	0.5	0.9	17	77
941	577453	5530986	1.2	61.0	0.07	3.5	4	4	16	19	8670	1.9	15	5	0.3	<0.3	0.8	18	68
942	577768	5530136	1.2	75.8	0.07	4.6	<1	6	16	18	8370	1.7	13	8	<0.3	0.4	0.8	18	63

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method——>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units——>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
943	578389	5531252	1.5	50.8	0.07	5.4	<1	3	18	17	9970	1.5	15	3	0.3	<0.3	0.8	21	60
944	578785	5532896	0.8	53.5	0.06	4.5	<1	4	17	15	8740	1.7	14	5	0.6	0.3	1.2	17	100
945	579660	5532644	1.9	46.3	0.08	9.7	1	3	24	15	13800	0.9	15	19	0.6	<0.3	1.0	21	93
946	579473	5532043	1	40.1	<0.05	3.6	<1	<2	5	9	3870	1.9	5	4	0.5	<0.3	1.0	5	40
947	579566	5531633	3.7	85.0	0.06	3.3	inf	5	8	13	7690	1.5	7	4	inf	inf	inf	10	125
948	581174	5529059	2.5	7.2	<0.05	3.1	<1	5	9	9	6830	0.3	8	4	0.5	<0.3	0.9	10	22
949	580230	5528235	3.5	17.4	0.08	2.8	1	<2	29	11	15770	0.3	18	8	0.4	0.4	1.1	26	55
950	581755	5528144	1.6	31.1	0.05	2.6	1	4	19	18	9830	1.4	16	5	0.5	0.4	1.2	18	59
951	581184	5526801	11.3	10.7	<0.05	4	<1	8	19	8	10680	0.3	13	5	0.5	0.5	1.3	17	40
952	580058	5526870	4.1	7.0	0.06	5.4	1	10	19	7	11320	<0.2	12	5	0.4	0.3	1.0	18	35
953	580203	5525774	7.6	6.0	0.05	4.6	<1	7	19	8	14920	0.2	14	5	0.3	0.3	1.0	20	38
954	581271	5525363	2.1	66.0	0.12	3.8	1	<2	26	26	9780	2	19	5	0.4	<0.3	0.9	31	149
955	580087	5524071	6.5	4.7	0.07	4.2	<1	3	25	9	17130	0.2	17	7	0.4	0.4	1.1	26	45
956	579168	5524264	9.6	15.8	0.11	5.8	1	<2	49	19	32840	0.4	32	16	0.6	0.4	1.3	45	106
957	578167	5523387	9.4	16.4	0.1	5.2	1	4	44	17	28380	0.4	27	13	0.6	0.4	1.3	40	90
958	577322	5523208	1.3	42.3	0.07	6.9	1	3	27	21	14850	1.6	16	8	0.9	0.6	1.8	19	56
959	577267	5522371	3.6	13.9	0.06	4.7	<1	3	21	9	11800	0.4	12	5	0.3	0.3	0.9	18	42
960	577403	5519990	18	20.4	0.05	13.9	<1	4	11	12	39440	2.6	11	8	0.6	0.5	1.4	15	40
961	577255	5519288	2.2	77.8	0.11	2.8	<1	3	15	15	5420	1.2	10	3	<0.3	<0.3	1.0	23	94
962	575363	5516670	0.8	66.7	0.09	2.4	<1	5	15	13	4560	1.7	10	4	0.4	<0.3	0.8	14	128
963	575592	5517191	5.6	21.7	0.06	3.2	<1	9	37	11	17720	0.3	19	10	<0.3	<0.3	<0.6	36	63
964	576556	5523068	0.9	61.3	0.11	8.5	<1	<2	19	18	8880	1.5	12	15	<0.3	0.6	1.0	21	72
965	577088	5525595	3	33.4	<0.05	4.2	<1	4	4	9	8650	3.9	3	3	0.3	0.5	1.1	4	28
966	577188	5525734	6.2	36.2	0.07	5.2	2	4	27	16	13560	1.7	13	5	1.0	0.7	2.0	19	64
967	577698	5526165	1.2	81.5	0.08	5.7	1	5	6	13	2570	4	8	4	0.8	0.8	1.9	6	161
968	577700	5526756	4.6	66.7	0.1	3	1	5	22	18	6610	1.2	14	6	0.4	0.4	1.1	22	97
969	577832	5528051	8	35.8	0.06	3.4	<1	5	16	13	6530	2.4	8	5	1.2	0.4	1.9	14	51
970	576964	5528174	7.1	50.7	0.1	4.7	<1	3	28	18	33450	1.6	15	13	0.4	0.4	1.1	24	75
971	575845	5528479	2.2	51.9	0.08	5.3	1	6	21	19	10710	1.4	17	5	0.4	0.4	1.1	21	74
972	572992	5526879	1.4	74.9	0.08	3.5	1	5	10	79	4330	1.9	29	<2	0.9	1.8	3.0	8	69
973	572174	5526408	2.2	33.6	0.08	5.1	1	5	18	44	10290	1.2	23	5	0.9	0.5	1.7	18	64
974	570863	5526314	3.8	15.5	0.07	3.1	1	7	24	26	13580	0.5	19	6	0.6	0.5	1.4	26	51
975	569763	5525717	2.3	21.9	0.08	1.2	<1	<2	20	32	8720	0.5	15	5	1.0	0.9	2.3	16	43
976	569584	5525151	8	79.9	0.13	2	1	2	37	64	19790	0.8	31	8	1.1	0.8	2.2	29	89
977	570895	5524514	1.2	80.6	0.07	4	1	7	6	32	3780	4.8	20	5	0.7	0.7	1.7	6	95
978	569318	5524538	5.7	35.9	0.15	1.5	2	4	34	51	16640	0.6	27	10	1.1	0.5	1.9	26	93
979	568368	5523893	5.5	71.1	0.1	1.1	1	5	15	86	9670	1.5	20	3	2.3	0.9	3.5	15	103
980	567596	5525166	2.1	85.2	0.08	0.5	<1	5	6	118	1470	2.6	25	<2	1.2	0.8	2.3	5	56
981	568089	5523122	0.5	33.5	0.09	3	<1	<2	24	30	11210	0.6	20	5	0.7	0.5	1.5	18	52
982	567972	5522715	1	34.4	0.09	4.9	1	<2	25	32	11080	0.6	20	7	0.6	0.4	1.3	18	59
983	566875	5520548	9.3	28.6	0.11	10.1	<1	7	22	26	28010	2.9	18	8	0.6	0.7	1.5	32	59
984	566028	5518470	9	48.0	0.09	3.8	2	2	26	22	11460	1.6	16	6	0.7	0.3	1.3	27	73
985	565231	5519055	5.3	8.1	0.07	4.1	<1	5	18	10	11770	0.3	12	6	0.4	0.8	1.5	16	34
986	563571	5518511	5.3	88.2	0.06	2.9	<1	6	4	10	2210	2	8	4	<0.3	0.5	0.9	3	51
987	564454	5518066	3.7	17.2	<0.05	2.3	<1	5	7	10	2850	1.6	5	5	0.5	<0.3	1.0	3	20
988	565090	5517913	6	82.7	0.1	0.9	inf	6	32	17	3350	1.2	11	4	inf	inf	inf	15	144
989	565332	5517642	1.1	28.5	<0.05	2.6	<1	2	2	5	2140	1.4	5	3	<0.3	<0.3	<0.6	3	49
990	561996	5516039	1.3	78.5	<0.05	3.4	<1	6	23	7	5420	2.2	7	2	0.3	0.5	1.1	5	68
991	561411	5514807	4.1	78.1	0.05	2.3	inf	6	50	11	3100	1.7	13	4	inf	inf	inf	11	76
992	560890	5514579	2.8	75.9	0.07	3.1	<1	7	20	18	2050	2.8	9	4	<0.3	<0.3	<0.6	9	106
993	560528	5514599	2.6	82.7	0.07	3.7	inf	13	17	13	1900	1.9	12	10	inf	inf	inf	7	86
994	560227	5514282	5	77.1	0.08	8.2	inf	6	25	14	20220	1.8	8	15	inf	inf	inf	22	107
995	560146	5513983	2.4	72.4	0.07	3.5	2	10	24	12	3990	1.1	11	5	<0.3	0.6	1.1	21	75
996	559978	5513655	3.2	74.3	0.08	6.8	1	3	24	21	6340	3.7	9	6	0.5	0.5	1.3	23	111
997	559832	5513332	1	90.1	<0.05	2.1	<1	4	5	4	1930	0.4	7	4	0.3	0.4	1.0	5	24
998	559366	5513090	5.1	26.1	<0.05	3.6	3	6	7	5	111500	1.5	3	5	2.7	<0.3	3.1	12	23
999	558839	5513013	7.7	13.0	<0.05	4.4	1	<2	17	13	7750	3.6	10	3	2.4	0.6	3.3	16	28
1000	557521	5513049	7.8	38.8	<0.05	3.8	<1	6	18	6	13040	0.5	8	4	<0.3	<0.3	<0.6	16	30
1001	556990	5513627	8.5	23.6	<0.05	3.8	1	<2	20	8	31260	0.5	8	5	<0.3	<0.3	<0.6	19	27
1003	556126	5513080	2.2	65.9	0.06	3.5	inf	8	41	10	3220	1.8	7	6	inf	inf	inf	16	59
1004	555474	5513043	3.3	21.6	<0.05	5.1	1	<2	26	13	31880	1.1	10	5	0.4	0.6	1.3	28	47
1005	553062	5512750	8.5	33.5	0.05	6.9	<1	8	24	15	26310	1.1	8	6	0.5	0.6	1.4	28	37
1006	550814	5512056	4.8	76.8	0.08	10.2	inf	2	29	19	8160	1.6	16	10	inf	inf	inf	21	95
1007	550243	5512352	3.8	75.5	0.05	6.5	3	5	26	9	6830	2.4	7	6	<0.3	0.4	0.9	23	58
1008	545951	5512514	2.5	84.8	0.06	9.5	inf	<2	12	12	3230	3.6	15	3	inf	inf	inf	8	127
1009	545294	5513502	10.3	86.7	0.09	8.3	inf	4	12	13	9520	5.3	8	3	inf	inf	inf	10	229
1010	546815	5512912	2.4	91.0	0.06	1.8	inf	3	16	21	4580	2.6	13	<2	inf	inf	inf	5	126
1011	550967	5512835	10.9	82.5	0.08	4.4	<1	6	21	32	5970	1.7	10	7	0.9	1.1	2.3	17	69
1012	553317	5513507	4.3	78.6	<0.05	5	<1	8	20	10	2090	3.6	8	3	<0.3	<0.3	<0.6	11	80
1013	554909	5513509	2.8	66.5	0.05	3.1	<1	5	29	10	3300	2.9	7	4	<0.3	0.5	0.9	20	57
1014	554931	5513342	4	21.3	<0.05	4.1	<1	<2	6	5	4400	2.3	4	3	0.4	0.3	1.0	9	14
1015	555629	5513389	3.4	71.2	0.07	2.4	inf	2	33	13	3930	1.8	7	4	inf	inf	inf	17	102
1016	555843	5514148	4.8	14.4	<0.05	1	<1	4	6	3	4730	1	2	3	<0.3	<0.3	<0.6	3	15
1017	556923	5514283	0.5	34.7	<0.05	2.3	<1	3	5	4	2700	1.2	3	3	<0.3	<0.3	<0.6	5	11
1018	557620	5514011	2.4	70.7	<0.05	1.8	<1	2	18	9	2750	1.7	7	2	<0.3	0.4	0.8	9	72
1019	558013	5514340	3.2	69.8	0.05	4.4	<1	4	24	13	7830	3.4	10	3	<0.3	0.7	1.1	13	76
1020	556323	5515141	13.4	47.5	<0.05	9.5	<1	2	20	15	77640	1.5	9	5	0.5	0.3	1.1	24	42
1021	556040	5517144	5.1	20.0	<0.05	3	<1	2	12	9	8470	3	4	3	0.5	0.4	1.2	6	17

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1022	558420	5518784	4.2	59.1	0.08	4	<1	4	29	21	7200	1.4	20	6	0.4	<0.3	0.9	19	88
1023	560051	5520063	4	88.8	0.06	3	inf	5	9	21	1160	2.6	13	2	inf	inf	inf	6	108
1024	560536	5520695	3.1	21.0	<0.05	3.1	1	5	4	5	3240	1.4	4	3	0.4	<0.3	0.8	4	15
1025	562414	5521641	1	47.0	0.06	2.6	<1	6	32	10	6080	0.7	12	7	<0.3	<0.3	<0.6	20	39
1026	569286	5526838	1	16.7	<0.05	4.5	<1	5	19	16	10700	1.1	15	4	<0.3	0.5	1.0	17	33
1027	569690	5531217	4.3	26.9	0.09	1.6	1	10	36	30	18250	0.4	23	8	0.4	0.5	1.2	29	88
1028	569865	5531404	3	16.3	0.06	2.2	<1	2	30	17	17490	0.4	19	7	<0.3	<0.3	<0.6	27	56
1029	571521	5531066	3.6	53.4	0.08	3.2	1	6	31	76	16430	1.4	41	6	0.7	0.7	1.7	21	90
1030	571609	5531370	1.3	46.7	0.07	3.1	1	2	33	74	13470	1	47	6	0.9	0.5	1.7	20	80
1031	571497	5532921	3.1	37.5	0.08	3.8	1	<2	37	24	20080	0.6	24	6	0.4	0.8	1.4	30	113
1032	570644	5534797	1	64.2	<0.05	3	<1	2	25	24	7330	1.7	23	4	<0.3	0.4	0.8	10	70
1033	571411	5537748	1.9	75.3	0.07	3.6	inf	2	20	17	5190	1.3	11	4	inf	inf	inf	16	66
1034	571529	5538587	7.6	34.0	<0.05	1.5	<1	5	5	5	165880	1	3	6	<0.3	<0.3	<0.6	13	33
1035	571582	5538844	3.8	76.4	<0.05	3.7	<1	4	12	11	11070	2.8	7	3	<0.3	<0.3	<0.6	7	89
1036	571694	5539540	1.3	56.9	<0.05	6.5	<1	10	6	26	3270	3.1	13	2	0.4	0.6	1.2	6	75
1037	569179	5544155	0.9	84.4	0.06	5.5	<1	<2	9	30	2330	3.8	19	3	<0.3	0.5	1.3	9	116
1038	569015	5546368	1.2	83.7	0.08	4	<1	4	10	15	3340	1.9	9	4	<0.3	0.3	0.8	10	123
1039	571023	5547329	1.1	32.4	<0.05	10.9	<1	6	17	13	11270	2	11	5	<0.3	0.4	0.8	16	79
1040	571367	5552400	1.3	76.2	0.05	6.3	1	4	17	33	7950	4.8	20	4	0.4	0.8	1.5	14	125
1041	571439	5553613	1.7	65.6	0.06	5.5	1	3	21	38	10420	4.3	22	5	0.3	0.6	1.2	15	122
1042	571324	5555153	1.3	72.0	<0.05	4.5	2	9	9	15	2730	3.7	8	4	<0.3	0.8	1.3	6	94
1043	563769	5556092	0.7	82.1	<0.05	5	inf	<2	11	12	3290	2.3	11	4	inf	inf	inf	8	91
1044	561691	5558300	0.5	74.0	0.06	5.1	<1	4	20	18	7140	3.2	13	4	<0.3	<0.3	<0.6	14	125
1045	560897	5558486	4.2	41.8	0.06	4.3	<1	<2	37	28	14330	2.2	19	7	<0.3	0.4	0.8	24	78
1047	559564	5559300	0.8	47.8	<0.05	6	<1	<2	29	19	9110	2	17	5	<0.3	0.3	1.0	18	83
1048	559133	5558167	3.5	35.1	0.06	5.3	<1	<2	39	17	16130	0.9	20	7	<0.3	0.5	0.9	29	103
1049	554668	5558790	2.6	5.5	<0.05	5.6	<1	4	28	17	15070	0.5	19	5	<0.3	<0.3	<0.6	28	43
1050	552929	5559509	3.7	84.0	<0.05	4.3	inf	2	15	11	3140	3.1	10	3	inf	inf	inf	5	84
1051	549054	5560649	1.9	10.6	<0.05	1.4	<1	7	20	8	10260	0.2	11	4	<0.3	0.4	0.8	18	38
1052	546131	5561255	1.8	25.9	0.06	3.5	2	2	31	18	15270	0.5	20	7	0.7	0.4	1.4	25	64
1053	544295	5562061	5.4	41.3	0.12	4.1	1	5	31	81	17150	1.3	30	5	0.7	0.7	1.7	30	79
1054	541886	5563457	4.2	57.4	0.07	4.4	1	6	20	25	9490	1.5	17	5	<0.3	0.7	1.2	18	109
1055	537512	5566042	0.7	14.0	<0.05	1.5	<1	9	3	13	1790	1	4	<2	<0.3	<0.3	<0.6	3	20
1056	536475	5567287	2.5	78.4	0.06	2.2	inf	7	13	37	5440	2.3	13	4	inf	inf	inf	12	68
1057	536538	5568164	2.5	59.7	0.06	3.2	1	7	14	57	6340	2.8	21	3	0.6	0.5	1.4	13	67
1058	535832	5568191	2.4	70.9	0.08	1.5	<1	6	11	52	2360	3.5	13	3	0.4	0.4	1.1	7	84
1059	534623	5568869	1.1	57.6	0.1	2.3	<1	9	13	83	3980	2	25	3	0.7	0.4	1.4	10	61
1060	533588	5569632	1.4	63.9	0.08	2	<1	7	10	95	3300	4.2	20	3	1.1	0.7	2.1	10	59
1061	532629	5570213	4.5	73.1	0.06	6	<1	3	16	35	7930	3.8	23	4	0.4	0.8	1.5	16	86
1062	532267	5569575	2.7	67.9	0.07	4.7	2	7	18	45	7820	3.8	27	5	0.8	0.7	1.8	16	88
1063	530729	5570632	1.9	68.0	0.05	4.8	<1	8	19	23	7020	1.6	24	3	0.4	0.7	1.4	11	57
1064	530703	5571177	2	28.1	<0.05	1.8	<1	2	22	8	11290	0.6	12	5	<0.3	<0.3	<0.6	16	50
1065	529845	5571248	1.7	23.1	<0.05	3.9	<1	2	20	15	8510	1.2	12	5	<0.3	0.8	1.3	16	38
1066	529298	5570514	8	16.9	0.05	6.8	<1	4	31	14	20360	0.7	20	7	<0.3	0.4	0.9	31	62
1067	526972	5570424	1.7	83.7	0.07	3.4	inf	4	11	19	2490	1.8	11	3	inf	inf	inf	12	96
1068	526504	5571037	0.7	89.1	0.05	3.4	inf	9	5	17	1680	4.8	12	3	inf	inf	inf	4	69
1069	526361	5571470	1.3	90.0	<0.05	5.4	<1	2	5	14	2210	4.9	10	3	<0.3	<0.3	<0.6	5	76
1070	526730	5571734	1.4	74.4	0.07	2.4	inf	<2	8	22	4170	3.6	12	4	inf	inf	inf	9	64
1071	525128	5571830	1.2	87.7	0.05	2.6	<1	5	5	17	2150	2.4	9	4	0.4	0.3	1.0	4	76
1072	523954	5572028	1.3	60.8	0.08	5.5	2	<2	18	40	8410	2.1	17	7	<0.3	0.4	0.8	18	80
1073	522337	5573075	6.7	77.5	0.08	3.4	<1	<2	8	34	2490	2.4	10	3	<0.3	0.3	0.8	7	94
1074	521185	5573162	1.6	78.0	0.12	4.3	13	7	14	58	3050	2.6	13	3	0.6	9.0	9.8	13	97
1075	520121	5572731	7.8	67.5	<0.05	5.3	<1	5	13	13	11120	2.5	11	4	<0.3	<0.3	<0.6	15	57
1076	519893	5572312	3.9	70.2	0.13	2.4	1	5	11	41	5790	1.8	11	6	0.4	0.4	1.1	12	80
1077	519574	5571799	1.3	86.4	0.05	4.1	2	3	7	28	2660	3.3	12	3	0.6	0.5	1.4	6	67
1078	519792	5571228	1.1	86.0	0.07	3.5	<1	<2	7	37	2170	4.7	14	<2	0.8	0.7	1.8	6	81
1079	517832	5570620	1.2	80.6	<0.05	2.4	<1	4	9	21	5140	3.3	11	3	<0.3	<0.3	0.8	8	64
1080	518839	5572083	1.2	80.0	<0.05	1.4	<1	7	8	20	4100	2.1	8	4	<0.3	<0.3	<0.6	7	60
1081	519308	5572987	4.4	66.2	0.13	3.5	1	<2	18	40	6210	1	18	4	0.4	0.6	1.3	14	108
1082	517776	5572954	7.4	84.9	0.06	3.4	inf	5	9	27	6810	3.7	11	<2	inf	inf	inf	8	78
1083	516253	5571396	1	70.7	0.07	4.5	2	<2	11	21	5420	3.3	12	6	0.3	0.4	1.0	12	112
1084	515650	5574138	13.8	54.3	0.09	11	1	4	22	27	11260	2.1	18	22	0.4	0.5	1.1	24	73
1085	514555	5573061	7	35.3	0.06	3.9	<1	11	24	23	12800	1.8	17	5	0.3	0.4	1.0	24	55
1086	512517	5571731	3.4	46.5	0.05	3.4	<1	10	20	23	11220	2.7	15	4	<0.3	0.3	0.8	19	52
1087	510194	5571474	3	54.0	0.06	6	1	2	20	28	14130	3.9	16	5	0.4	0.4	1.2	19	64
1088	509092	5571688	10.8	32.8	0.07	7	1	6	17	43	32270	1.3	11	6	<0.3	0.7	1.1	29	65
1089	507703	5571231	4.5	46.6	0.08	5.9	1	4	24	32	14800	3.5	18	6	0.5	0.4	1.2	23	65
1090	506042	5572439	3.1	61.3	0.07	4.8	<1	9	19	25	9590	3.3	14	5	<0.3	<0.3	<0.6	16	60
1091	504704	5573506	5.4	15.2	<0.05	2.4	<1	5	13	16	8340	1.5	10	4	<0.3	0.3	0.8	14	34
1092	503325	5573781	1.4	57.2	0.05	3.4	<1	4	18	21	10620	2.8	13	5	<0.3	0.3	0.8	15	62
1093	501294	5574839	1.2	82.1	0.08	3.1	1	4	7	16	2500	2.8	8	4	0.3	2.1	2.7	7	100
1094	502191	5575168	1.3	83.0	<0.05	3.4	<1	6	9	18	5720	3.4	8	3	<0.3	<0.3	1.1	7	56
1095	500832	5577318	1.4	67.9	0.06	8.2	<1	7	15	17	7600	2.7	14	6	<0.3	0.6	1.0	15	133
1096	501026	5578801	2.9	54.6	0.07	4.6	<1	6	17	18	8730	2.5	14	6	<0.3	0.5	1.0	16	113
1097	503192	5578414	2.9	84.9	0.05	4.4	inf	7	8	22	4330	5.6	11	<2	inf	inf	inf	6	69
1098	503813	5577390	1.3	81.1	<0.05	3.4	inf	5	10	21	6700	4.7	11	3	inf	inf	inf	8	65
1099	503309	5575686	1.4	75.1	<0.05	2.9	inf	4	7	19	3480	2.8	7	3	inf	inf	inf	7	50
1100	506590	5575543	4.2	47.7	0.06	3.8	<1	5	22	23	11950	2.7	16	7	<0.3	0.3	0.8	19	64

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method---------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
.	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1101	508543	5576376	0.8	55.3	0.06	3.8	<1	8	20	24	15840	4.5	16	4	0.4	0.4	1.1	18	53
1102	508704	5573909	13.5	17.4	0.09	3.1	<1	8	29	19	16730	0.9	19	7	0.4	0.5	1.2	30	63
1103	513631	5576458	14.4	23.6	0.06	3.5	1	10	31	19	17470	1.1	19	10	0.3	0.4	1.0	32	67
1104	515860	5576675	19.3	37.0	0.12	6.7	1	5	28	24	15050	1.5	19	28	<0.3	0.6	1.1	31	80
1105	517540	5576373	9	20.7	0.07	3.1	<1	3	29	17	16820	1	19	7	<0.3	0.3	0.8	31	60
1106	520983	5574589	2	73.6	0.09	2.4	1	9	18	26	6890	1	21	3	0.4	1.0	1.7	10	66
1107	523575	5573424	4	61.4	0.1	4.2	2	<2	21	46	11050	3.4	20	6	0.6	0.5	1.3	21	93
1108	526208	5572502	1.4	75.7	0.08	2.9	<1	4	9	34	5380	5.8	13	3	<0.3	<0.3	<0.6	13	82
1109	526930	5572884	1	86.0	0.07	2.5	<1	<2	7	21	1880	5.6	10	3	<0.3	0.6	1.0	6	85
1110	535841	5564921	7.4	48.8	0.12	2.9	<1	<2	27	45	9240	1.2	18	6	0.4	0.7	1.3	21	110
1111	535705	5566277	7.3	64.9	0.21	4	1	2	25	115	12550	1.4	23	4	1.2	0.9	2.4	27	142
1112	532627	5566617	4.6	67.0	0.08	6.6	<1	3	17	30	11830	2.9	19	6	0.7	0.6	1.5	26	101
1113	530246	5566896	2.1	69.0	0.06	3.6	1	<2	17	29	7860	3.5	17	4	0.5	0.6	1.4	14	78
1114	529227	5567032	4.3	80.9	0.06	3.4	<1	6	10	18	6840	2.7	9	7	<0.3	<0.3	<0.6	10	72
1115	528805	5567874	2.2	80.2	0.08	3.8	3	7	7	20	4340	5.2	11	4	0.4	0.5	1.2	9	117
1116	526900	5568154	7.7	13.5	<0.05	3	<1	6	20	12	12750	0.7	12	6	<0.3	0.4	0.8	21	42
1117	525100	5567263	9.2	23.2	0.09	6.1	1	<2	26	20	16820	1.3	18	14	0.4	0.6	1.3	27	68
1118	524634	5567488	2.4	79.5	0.06	3.4	<1	5	9	12	3030	2.6	8	5	<0.3	0.6	1.1	11	88
1119	523606	5567510	1.4	81.5	0.09	1	1	6	5	9	2990	2.3	6	4	<0.3	0.5	0.9	6	115
1120	522554	5566908	1.6	79.8	0.07	3.7	<1	3	10	12	4770	2	8	4	<0.3	<0.3	<0.6	13	51
1121	520114	5567990	1.1	66.8	0.1	8.1	<1	5	14	30	11060	4	17	4	0.6	0.5	1.4	14	119
1122	518746	5566663	2.8	85.4	0.07	5.6	Inf	6	8	21	5740	1.4	10	3	Inf	Inf	Inf	6	56
1123	516423	5568324	3.5	83.5	0.06	4	Inf	4	5	7	2810	4	5	18	Inf	Inf	Inf	5	70
1124	515323	5568136	3.6	76.4	0.09	6.5	<1	2	14	42	6940	5.6	16	4	<0.3	<0.3	0.9	12	87
1125	514023	5567915	4.4	74.2	0.11	6.7	1	7	15	43	6730	4.9	17	4	0.5	0.6	1.4	12	97
1126	512129	5568828	2.1	73.7	0.06	6.7	<1	3	9	19	5000	5.3	9	7	0.5	0.6	1.4	12	96
1127	511817	5567118	2.5	59.6	0.08	5.9	<1	4	14	21	7600	3.2	15	3	<0.3	<0.3	<0.6	12	70
1128	507435	5566741	1.3	77.5	0.12	6.2	1	5	11	27	2870	6.8	11	2	0.6	<0.3	1.0	13	130
1129	506687	5567127	2.6	23.8	0.05	2.1	<1	5	5	23	2820	1.6	4	4	0.6	<0.3	1.1	7	32
1130	506473	5567575	3	79.2	0.12	5.3	<1	5	9	41	5010	3.5	8	4	0.9	0.7	1.9	20	82
1131	505374	5568339	11.2	65.7	0.09	6.9	<1	5	21	19	5480	5.6	9	12	0.3	0.6	1.2	17	68
1132	505455	5568921	3.7	48.9	<0.05	4.2	<1	<2	6	8	1380	3.5	3	3	0.6	0.4	1.3	5	30
1133	505009	5568815	8	29.7	<0.05	2.2	<1	<2	8	10	1700	6.9	4	<2	0.8	0.5	1.6	7	26
1134	504185	5567831	4	74.5	0.12	3.9	<1	<2	17	14	4850	1.1	11	6	<0.3	0.4	0.8	17	101
1135	503726	5567828	5	50.5	0.11	7.1	2	6	27	23	12280	3.2	16	7	0.8	0.5	1.6	32	90
1136	503475	5568651	5.9	81.3	0.14	2.3	<1	2	14	15	3230	2.1	9	5	<0.3	0.6	1.0	14	121
1137	502566	5568063	5.6	52.5	0.06	13.9	<1	<2	6	9	14900	6.3	4	7	0.4	0.4	1.1	8	30
1138	502816	5566851	8.9	47.9	0.09	13.9	<1	6	18	17	14270	4.9	12	11	0.7	0.6	1.5	20	51
1139	501812	5565358	3.5	39.4	<0.05	8.6	1	4	8	7	8560	1.9	4	8	<0.3	0.3	0.8	7	27
1140	500737	5568649	6.1	56.0	0.09	9.2	<1	6	17	14	10310	2.8	9	15	0.4	0.5	1.2	21	52
1141	500709	5569278	2.1	81.5	0.07	6	Inf	5	12	18	7120	5.5	6	2	Inf	Inf	Inf	13	67
1142	501166	5570701	4.2	71.7	0.08	6.9	<1	<2	14	17	4750	2.4	7	10	0.5	0.4	1.2	23	73
1143	502811	5569591	2.4	77.6	0.13	3.4	<1	<2	15	22	4180	1.9	11	5	0.5	0.5	1.2	20	145
1144	502794	5569149	5.4	71.2	0.08	5.1	<1	4	20	17	6300	2.8	11	5	0.9	0.7	1.8	17	68
1145	504515	5570691	4	11.7	<0.05	1.9	<1	3	4	4	1100	1.4	2	3	0.3	<0.3	0.8	2	9
1146	504802	5569972	15.7	4.8	<0.05	1.4	<1	3	12	3	6580	0.6	7	<2	<0.3	<0.3	<0.6	11	18
1147	505841	5570094	9.9	7.0	<0.05	1.5	<1	3	10	4	5080	0.8	6	2	<0.3	0.3	0.8	9	17
1148	508581	5569518	5.2	8.7	<0.05	1.7	<1	<2	3	4	212	1.4	1	5	0.5	<0.3	0.9	4	7
1149	510615	5569907	7.2	75.2	0.06	7.7	<1	3	13	12	5370	2.5	9	3	0.5	0.5	1.3	15	156
1150	510757	5570084	7.2	57.3	0.12	79.2	<1	<2	27	45	101530	2.1	6	9	1.3	1.0	2.6	164	33
1151	513411	5570136	1.3	60.0	0.07	4.1	1	<2	6	26	2730	3.4	7	<2	0.5	0.3	1.1	6	71
1152	513697	5569894	1.2	83.2	0.07	4.9	2	7	7	36	2820	8.3	13	<2	0.6	0.7	1.6	6	79
1153	515238	5570154	1.2	73.3	0.08	4	<1	4	9	19	3990	4	11	4	<0.3	0.5	1.0	10	84
1154	516139	5569417	1.1	85.2	0.06	1.7	<1	5	5	13	1950	3.2	7	<2	<0.3	<0.3	<0.6	6	96
1155	517765	5569589	1	86.5	0.07	<0.5	<1	2	5	13	1470	2.1	8	3	<0.3	<0.3	<0.6	3	56
1156	518820	5569193	1	71.3	0.08	2.4	<1	4	12	18	5010	2.5	12	3	<0.3	0.5	0.9	11	86
1157	520829	5568391	6.2	73.3	0.08	5.4	<1	<2	9	24	8070	3.6	13	5	0.3	0.3	1.0	10	104
1158	522061	5567695	1.1	83.8	<0.05	3.1	Inf	3	5	11	5360	2.3	6	<2	Inf	Inf	Inf	5	52
1159	523216	5568754	2.1	53.4	0.11	9.2	1	<2	21	22	13990	2.2	16	30	0.5	0.7	1.5	23	97
1160	524373	5569740	7.1	48.4	0.08	3.5	<1	3	22	21	13090	2.1	16	9	0.6	<0.3	1.0	22	83
1161	524940	5568676	8.9	68.8	0.12	4.2	<1	5	11	18	14300	2.5	8	10	<0.3	<0.3	<0.6	23	116
1162	525868	5569842	7.6	65.6	0.11	<0.5	<1	3	19	17	8890	1.4	13	4	<0.3	0.6	1.0	20	98
1163	526870	5569909	2.6	22.8	<0.05	3.9	2	5	17	12	9710	1.7	9	8	0.6	0.7	1.6	16	35
1164	529881	5569216	1.2	74.6	0.09	1.4	2	7	10	22	3870	3	16	<2	0.5	0.6	1.4	9	84
1165	530920	5568177	1.4	88.5	0.05	1.1	<1	3	4	12	1800	4.4	9	<2	<0.3	<0.3	<0.6	4	94
1166	532164	5568225	3.1	62.2	0.08	<0.5	3	5	16	34	7810	3.6	17	3	0.8	0.9	2.0	18	87
1167	533571	5568216	1	79.6	0.08	1.4	1	4	8	49	3390	4.7	20	<2	1.0	0.7	2.0	6	80
1168	534178	5568503	1.3	70.1	<0.05	0.7	<1	5	8	23	2070	1.9	15	<2	<0.3	0.6	1.0	6	71
1169	537386	5563258	1.5	64.0	0.1	0.9	<1	<2	13	21	5670	3	11	3	<0.3	<0.3	<0.6	16	70
1170	536440	5561800	1.5	67.0	0.07	<0.5	1	3	11	16	3850	2.8	9	3	0.4	1.0	1.7	12	85
1171	536046	5561489	0.6	23.7	<0.05	0.8	<1	5	16	7	7650	0.4	8	4	<0.3	<0.3	<0.6	14	28
1172	536193	5561249	3.2	19.2	<0.05	2.2	<1	4	17	8	7240	0.7	8	7	0.3	0.3	0.9	16	43
1173	536870	5561880	1.6	54.7	0.06	0.7	<1	2	14	11	4620	2	8	4	0.4	0.4	1.1	13	71
1174	536891	5561666	10.2	7.7	<0.05	1.6	<1	3	15	5	9320	0.4	8	2	<0.3	0.3	0.8	17	22
1175	538581	5557570	1.8	40.5	<0.05	5.4	1	5	20	20	11310	1.4	16	4	0.4	0.7	1.4	19	75
1176	537846	5554823	3	84.4	0.06	3	<1	5	5	11	2980	2.2	7	3	<0.3	0.4	0.9	8	129
1177	536097	5554773	2.8	63.9	0.1	0.9	1	4	14	20	6530	1.4	14	5	0.5	0.4	1.3	14	85
1178	536243	5552451	0.5	68.1	0.09	2.5	<1	<2	8	32	3170	2.6	15	7	0.5	<0.3	1.0	8	80

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1179	537921	5550308	1.9	81.9	0.06	1.6	<1	<2	4	8	3320	1.5	5	3	<0.3	<0.3	<0.6	6	66
1180	537840	5549092	1.5	90.5	<0.05	0.7	Inf	4	4	10	1390	2.2	9	<2	Inf	Inf	Inf	3	86
1181	536140	5549347	1.3	75.0	0.05	5.2	1	<2	7	17	5600	4.4	9	3	0.5	0.5	1.3	11	85
1182	536926	5548219	2.3	85.8	0.07	0.8	<1	<2	5	6	1900	1.3	4	4	<0.3	<0.3	<0.6	6	69
1183	537323	5547124	1.3	84.5	<0.05	<0.5	<1	6	6	6	2890	1.6	5	3	<0.3	<0.3	<0.6	7	123
1184	536198	5546667	14	19.8	0.07	4.8	<1	3	23	11	21490	0.5	12	8	0.4	0.7	1.4	26	66
1185	538965	5543030	9.4	82.3	0.06	1	<1	2	9	11	5890	1.7	7	<2	0.9	0.7	1.8	15	51
1186	539085	5542504	6	13.0	<0.05	<0.5	<1	<2	5	9	2410	1.2	3	5	0.7	0.3	1.3	4	14
1187	539005	5540644	5.3	39.3	0.06	7.9	<1	<2	17	17	13180	2.2	11	10	0.5	0.6	1.4	23	57
1188	537769	5539364	10.2	13.7	<0.05	2.2	<1	<2	12	9	7100	1	7	4	0.5	0.5	1.3	14	28
1190	536513	5538312	2	11.1	<0.05	6.3	<1	<2	11	8	7470	0.8	9	5	<0.3	0.3	0.8	12	32
1191	536343	5536874	16	14.9	0.07	4.8	<1	2	21	18	12490	0.7	15	10	0.3	0.4	1.1	22	46
1192	536268	5535707	13.3	7.9	<0.05	6.6	<1	<2	20	13	14090	0.4	15	6	0.4	0.4	1.1	21	40
1193	536175	5534269	12.8	13.1	0.08	4.5	<1	5	25	17	16320	0.4	17	8	0.5	0.5	1.3	24	52
1194	536241	5529151	11	7.7	<0.05	5	17	7	22	11	10730	0.2	13	6	0.5	0.5	1.3	19	38
1195	535764	5526893	4	24.5	0.1	18.5	49	45	33	21	19330	0.4	22	21	0.3	0.4	1.1	31	88
1196	536135	5525422	2	22.5	0.11	26	110	110	26	25	16140	0.6	18	16	<0.3	0.3	0.8	28	61
1197	536120	5523796	2	77.1	0.08	72.7	189	215	8	30	26660	1.1	12	11	0.7	0.3	1.3	12	38
1198	536163	5520929	17	16.8	0.09	27.4	210	165	21	28	12830	0.4	15	12	0.5	0.5	1.3	23	47
1199	537286	5518941	1.8	10.8	0.06	18.2	13	13	24	10	25040	0.5	17	7	0.3	0.3	1.0	32	27
1200	554745	5515177	5.2	35.1	0.07	5.4	<1	5	13	10	15650	1.8	9	19	<0.3	<0.3	<0.6	12	37
1201	557952	5519319	12.6	9.4	<0.05	1.6	<1	5	6	4	3340	0.9	3	2	<0.3	<0.3	<0.6	5	12
1204	558914	5520124	5	14.2	<0.05	3.1	<1	2	16	6	13750	0.4	9	3	<0.3	<0.3	<0.6	16	28
1205	558784	5519641	2.7	11.3	<0.05	3.4	1	6	11	4	12270	0.4	7	3	<0.3	<0.3	<0.6	12	20
1206	559531	5520668	3	83.2	0.06	2	Inf	5	10	10	2740	0.9	8	2	Inf	Inf	Inf	8	103
1207	560175	5521144	5.4	68.4	0.09	2.1	Inf	8	20	17	5590	1.1	11	6	Inf	Inf	Inf	22	94
1208	560797	5521112	2.5	84.5	0.06	3.5	Inf	4	8	10	3260	3	4	3	Inf	Inf	Inf	8	78
1209	560951	5521403	6.1	25.9	<0.05	2.6	<1	5	6	6	5240	1.9	5	<2	0.6	<0.3	1.0	7	18
1210	561366	5521324	5.7	88.0	0.06	3.8	Inf	2	5	10	4050	3.9	4	<2	Inf	Inf	Inf	6	69
1211	562705	5526264	1.3	74.9	0.09	5.8	1	3	11	31	4170	2.6	17	<2	0.6	0.5	1.4	9	85
1212	564728	5529163	1.8	54.6	0.07	4.8	1	6	17	25	8560	0.9	18	6	0.8	0.4	1.2	13	82
1213	564417	5530221	5.4	63.2	0.12	4.6	1	5	19	40	6910	1.5	24	5	0.3	0.7	1.3	13	89
1214	564996	5530562	1.3	86.3	0.07	2	<1	5	5	30	1350	2.1	27	3	<0.3	<0.3	<0.6	3	62
1215	564424	5531564	12.1	40.8	0.11	4.3	1	<2	38	62	11390	0.9	28	24	1.1	1.0	2.5	24	95
1216	565763	5531130	10.8	53.3	0.16	4.1	2	8	32	129	8920	2.8	33	6	2.0	1.0	3.3	23	85
1217	568280	5534368	1	14.2	0.07	3	1	<2	18	17	9900	0.9	14	6	0.3	<0.3	0.8	17	32
1218	565804	5536288	1.6	26.2	0.08	3.4	2	6	32	30	15330	1	23	7	0.6	0.4	1.3	25	59
1219	566433	5536624	5.3	22.1	0.08	2.6	<1	5	27	24	14090	0.6	18	5	0.5	0.4	1.3	23	52
1220	567274	5536814	2	19.3	0.09	5.9	1	4	25	26	14830	0.8	21	6	0.7	0.6	1.5	23	53
1221	563942	5537992	2.5	24.9	0.09	2.5	1	10	29	16	18700	0.7	21	7	0.4	0.4	1.1	30	69
1222	564188	5539702	1.1	27.6	0.05	3.6	<1	3	19	14	11120	0.4	11	6	0.3	<0.3	0.8	16	45
1223	564428	5540689	8	15.2	0.09	4.9	3	<2	43	18	22790	0.6	26	8	0.5	0.4	1.1	37	89
1224	564750	5543444	1	59.1	0.07	9.9	6	6	17	20	9340	1.6	20	8	0.4	0.6	1.3	14	68
1225	563329	5545272	1.6	75.4	0.06	2.4	1	4	10	13	5940	1.2	15	14	<0.3	0.4	0.8	7	93
1226	562628	5545852	1.2	29.0	<0.05	5.4	<1	3	22	13	14390	0.7	17	7	0.3	0.3	0.9	22	68
1227	562625	5548406	1	72.8	0.07	4.8	<1	7	10	11	4660	2.1	9	5	0.3	<0.3	0.8	17	113
1228	561324	5550423	0.1	23.4	0.09	3.7	<1	4	37	13	23050	0.6	22	11	0.3	0.6	1.2	37	130
1229	561768	5551504	1.6	15.7	<0.05	1.7	<1	10	21	6	11530	0.3	11	5	<0.3	<0.3	<0.6	19	64
1230	560189	5551542	1	75.3	0.07	1.3	<1	8	11	19	2870	2.6	16	4	<0.3	<0.3	<0.6	9	93
1231	559982	5552109	3	50.2	0.08	2.2	2	<2	25	13	13310	1.2	19	7	<0.3	0.6	1.0	22	95
1232	560914	5552737	1.3	58.0	0.09	6.9	8	6	21	19	13690	1.8	21	9	<0.3	0.5	1.0	20	104
1233	560132	5554300	1	81.0	0.06	1.9	Inf	4	6	9	2800	1.6	7	3	Inf	Inf	Inf	7	165
1234	561554	5556226	1	65.5	0.08	3.7	1	<2	12	27	8710	6	18	2	<0.3	0.6	1.1	16	89
1235	558305	5556275	1.5	20.8	<0.05	1.7	<1	3	6	10	6230	1.9	8	<2	<0.3	<0.3	<0.6	6	25
1236	558431	5554562	1.2	75.8	<0.05	2.1	1	7	4	11	2230	3.3	9	2	0.4	0.7	1.4	4	91
1237	556879	5555575	1.8	89.3	0.11	<0.5	<1	<2	11	24	5180	3.7	14	4	<0.3	<0.3	<0.6	15	148
1238	555657	5555724	0.7	61.8	0.07	1.4	<1	3	12	19	6390	3.5	14	3	<0.3	0.4	0.8	12	87
1239	554570	5556243	1	63.1	0.09	2.5	<1	<2	12	21	6640	3.8	14	3	<0.3	<0.3	<0.6	14	85
1240	549525	5558908	1.7	66.3	0.07	3.2	2	5	19	29	10760	3.9	24	4	0.5	<0.3	1.0	17	83
1241	548272	5559060	1.6	88.6	<0.05	1.6	Inf	2	4	10	3170	3.2	7	3	Inf	Inf	Inf	4	88
1242	545163	5561056	2.5	17.9	0.06	0.6	<1	6	21	10	10600	0.3	12	5	<0.3	0.4	0.8	18	43
1243	543714	5561494	2.5	13.3	0.07	2.6	1	5	17	8	8230	0.4	10	4	0.4	<0.3	0.8	15	37
1244	543069	5561848	1.5	88.6	0.05	0.8	Inf	3	5	6	2220	1.2	5	5	Inf	Inf	Inf	5	123
1245	541235	5563516	3.1	80.6	0.1	0.7	Inf	2	13	16	3840	2.7	8	5	Inf	Inf	Inf	18	156
1246	536362	5567290	2.6	78.1	0.11	<0.5	Inf	8	12	35	5320	3.8	11	3	Inf	Inf	Inf	11	68
1247	536553	5568133	2.6	55.8	0.1	0.9	1	4	13	43	5340	3.1	17	2	0.6	0.3	1.3	12	58
1248	535824	5568216	2.5	72.7	0.13	1.9	<1	5	11	57	2450	3.8	12	<2	<0.3	<0.3	<0.6	7	63
1249	536774	5569455	1.7	76.0	0.07	<0.5	2	2	10	48	4920	3.3	21	<2	0.9	0.4	1.6	7	73
1250	534768	5569859	1.6	66.4	0.08	1.6	1	5	20	25	9900	1.5	18	6	0.5	0.5	1.4	14	88
1251	528557	5572801	2.5	84.1	0.07	1.8	Inf	3	4	7	3290	3.5	5	<2	Inf	Inf	Inf	4	90
1252	526683	5573730	2.3	88.2	0.07	<0.5	Inf	6	7	20	2930	3	9	<2	Inf	Inf	Inf	6	98
1253	525007	5574165	5.1	34.8	0.1	1.1	1	8	31	22	17530	1.1	21	12	<0.3	0.5	1.0	30	69
1254	523709	5574839	1.8	65.8	0.07	1.8	<1	4	8	43	2930	3.5	11	3	0.4	0.6	1.2	9	57
1255	519683	5577431	5.2	68.8	0.09	7.9	Inf	6	16	45	12010	2.4	13	14	Inf	Inf	Inf	19	86
1256	519199	5577758	2	67.1	0.08	2	<1	<2	9	23	2620	2.9	9	3	<0.3	<0.3	<0.6	8	71
1257	518586	5576974	3	64.8	0.11	3.1	<1	2	14	69	7790	2.8	14	4	0.4	<0.3	0.9	15	82
1258	517596	5577477	1	76.1	<0.05	4	Inf	7	9	27	10690	5.6	10	2	Inf	Inf	Inf	8	56
1259	518274	5577763	4.4	73.7	0.07	5.6	<1	6	13	45	9430	2.7	10	7	<0.3	<0.3	<0.6	14	70

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0:01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1260	517214	5578302	2.5	87.0	0.1	inf	<1	inf	12	16	4720	1.1	7	3	0.3	0.4	1.0	19	314
1261	517095	5578517	4.3	39.1	<0.05	7.2	2	4	9	15	7760	3.2	4	3	<0.3	0.3	0.8	12	31
1262	516856	5579417	12	22.1	0.08	4.7	1	4	29	18	15680	1.3	19	14	<0.3	0.4	0.9	29	56
1263	514821	5578993	2.5	59.7	0.06	3.1	1	2	9	20	3490	5.3	10	2	0.5	<0.3	0.9	8	70
1264	514847	5578067	8	40.4	0.09	6.3	2	5	26	25	13650	2.7	18	19	0.5	0.4	1.2	25	69
1265	512729	5579463	6.5	51.8	0.12	4.4	2	<2	25	44	13560	1.8	20	8	0.5	0.5	1.3	23	112
1266	510738	5578886	1.7	74.5	<0.05	2	<1	<2	12	20	8580	4.3	11	3	<0.3	<0.3	<0.6	10	55
1267	510167	5577932	8.7	37.1	0.08	5.5	1	7	29	25	15090	1.9	20	8	0.4	0.3	1.1	28	68
1268	508014	5578922	3.8	32.6	0.06	2.1	1	8	23	17	11190	1.1	16	5	0.3	0.4	1.1	19	58
1269	507573	5578145	3	75.3	0.05	2.8	1	<2	10	27	4150	3.8	18	3	0.4	0.4	1.0	5	80
1270	507234	5578280	2.2	72.4	0.07	2.9	<1	4	11	31	4690	6	18	<2	0.6	0.6	1.5	8	86
1271	506245	5577954	1.7	59.5	0.1	3.5	2	3	13	31	3100	2.3	15	<2	0.8	0.3	1.4	7	62
1272	505904	5578723	1.7	63.6	0.07	4	1	<2	11	31	4440	4.2	19	3	0.4	0.5	1.2	9	96
1273	506631	5580663	6.1	51.9	0.13	2.5	1	<2	21	36	7370	1.5	19	5	<0.3	0.4	0.9	16	83
1274	505203	5581141	3.4	29.5	0.1	2.6	1	7	36	21	16370	0.8	22	5	<0.3	0.5	1.0	29	106
1275	505276	5581560	2	43.0	0.07	3.4	<1	4	22	17	8160	0.9	17	4	<0.3	0.5	1.0	15	75
1276	501168	5580840	8.2	75.3	0.06	13.5	<1	3	33	39	34960	45.7	13	5	1.0	0.3	1.6	35	87
1278	500919	5586383	8.6	10.9	0.07	4.6	<1	3	31	19	17640	0.6	19	6	0.4	0.3	1.0	30	51
1279	500052	5588819	1.6	81.1	0.08	10.6	1	8	13	37	3880	2	15	3	1.0	0.9	2.2	8	66
1280	500406	5589543	3.2	76.0	0.12	10.3	inf	4	14	63	6330	9.5	17	17	inf	inf	inf	12	85
1281	502030	5588012	4.3	21.3	0.08	3.4	1	5	35	20	15380	0.6	20	7	0.4	<0.3	0.9	26	70
1282	503329	5587864	7.5	30.4	0.14	4.5	1	<2	47	59	23310	1.5	32	11	1.1	0.7	2.1	47	89
1283	502572	5586226	4.5	19.2	0.08	4.6	<1	4	36	33	19520	1.2	26	8	0.5	0.5	1.3	34	65
1284	504426	5584478	0.4	21.7	0.09	3.3	<1	3	40	18	23840	0.9	22	7	0.3	0.4	1.1	38	100
1285	503081	5582919	4	5.9	<0.05	5.2	<1	2	3	4	2850	2.5	4	3	<0.3	<0.3	<0.6	3	15
1286	505326	5582493	2.4	75.6	0.06	1.8	<1	5	9	14	3060	2.2	10	3	<0.3	<0.3	<0.6	9	92
1287	506532	5581822	2	51.3	0.09	2.3	1	5	25	29	8900	1.7	24	5	0.4	0.7	1.4	17	80
1288	507540	5580709	5	58.0	0.16	3	1	<2	21	48	10260	2.5	19	4	<0.3	0.5	1.0	23	97
1289	508051	5581682	2	57.0	0.07	1.6	<1	2	9	36	2990	1.8	28	2	<0.3	<0.3	<0.6	7	47
1290	510511	5581018	6.3	24.1	0.1	1.7	1	7	40	18	22870	0.8	24	8	<0.3	0.4	0.8	37	110
1291	514063	5581273	1.5	79.5	0.06	1.7	inf	2	7	18	2270	3.2	11	3	inf	inf	inf	6	78
1292	515629	5580348	4	70.8	0.07	2.8	<1	5	12	22	5030	2.8	11	5	<0.3	0.5	0.9	12	82
1293	518169	5579732	1	12.5	<0.05	0.9	<1	<2	31	8	16770	0.9	18	4	<0.3	<0.3	<0.6	29	46
1294	519350	5578800	6	47.4	0.08	3.4	<1	7	20	50	10190	2.4	15	7	0.7	0.6	1.6	20	62
1295	521094	5578190	2.2	42.6	<0.05	3	<1	<2	7	13	4770	3	5	2	<0.3	<0.3	<0.5	8	54
1296	522206	5577524	1.2	63.7	0.05	1.7	<1	2	12	23	6860	3.1	11	4	<0.3	<0.3	<0.6	14	61
1297	524045	5576237	1	78.1	0.07	2.3	1	6	8	12	2910	2.1	8	<2	<0.3	0.4	0.9	10	94
1298	526213	5575952	4.1	32.7	0.06	1.4	<1	5	23	16	10010	1.1	17	4	<0.3	0.6	1.1	17	61
1299	528288	5574647	4	3.4	0.06	1.7	1	4	29	17	16870	0.3	19	5	<0.3	0.3	0.8	30	43
1300	529400	5574426	7.2	81.5	0.07	2.9	inf	6	7	19	4430	2.5	8	8	inf	inf	inf	10	59
1301	531078	5573643	4	42.6	0.08	5	<1	6	28	31	14680	2.7	20	4	0.6	0.4	1.3	26	65
1302	533266	5572602	2.5	81.0	0.07	3.6	<1	<2	6	14	1950	3.3	9	9	<0.3	<0.3	<0.6	6	100
1303	533823	5571939	1	35.4	<0.05	1.8	<1	<2	3	6	2110	2.9	4	<2	<0.3	<0.3	<0.6	3	43
1304	534363	5571124	1.3	19.6	<0.05	2.1	<1	<2	2	3	755	1.2	2	9	<0.3	<0.3	<0.6	3	24
1305	537753	5568412	1.6	72.5	0.09	2.4	2	<2	17	38	7790	1.3	17	3	0.5	0.6	1.4	14	62
1306	537436	5567961	2	66.9	0.11	2.9	<1	3	20	44	10440	1.5	20	3	0.5	0.7	1.5	18	79
1307	536581	5570743	2.1	37.1	0.1	1.5	1	3	35	31	17720	1	27	5	0.5	0.7	1.5	25	88
1308	535457	5572491	1.3	21.9	<0.05	2	<1	<2	6	10	3120	2.5	5	<2	<0.3	1.1	1.5	5	22
1309	531394	5575057	1	64.2	0.06	4.6	<1	<2	18	21	12650	3.4	15	4	<0.3	0.5	0.9	15	53
1310	528554	5575730	6	13.8	0.06	2.7	<1	<2	24	10	15180	0.4	14	4	0.5	0.5	1.3	22	48
1311	528949	5576390	4.3	34.3	0.09	2.8	1	4	35	17	16240	0.5	23	6	0.4	0.5	1.3	26	80
1312	527257	5578213	1.8	87.3	<0.05	3.3	inf	3	8	22	2020	1.8	12	<2	inf	inf	inf	4	70
1313	524671	5578906	2.7	46.2	0.09	1.7	<1	3	16	32	7230	1	16	3	<0.3	0.4	0.8	14	63
1314	523366	5578679	3.1	65.8	0.07	5	<1	6	14	30	6150	2.2	13	4	0.5	0.7	1.5	13	77
1315	521969	5579717	1.5	29.5	<0.05	2.2	<1	2	20	13	11060	1.8	16	<2	1.1	0.7	2.2	19	53
1316	521187	5578459	1.4	77.3	0.05	3.3	inf	<2	9	15	4740	2.4	9	2	inf	inf	inf	11	66
1317	520430	5579667	3.7	71.1	0.06	3.8	inf	8	13	59	9040	3.7	14	3	inf	inf	inf	14	58
1318	519051	5579988	4	80.1	0.07	5.3	inf	6	13	29	5830	3.5	10	<2	inf	inf	inf	13	63
1319	517949	5581085	0.8	61.9	<0.05	2.6	<1	2	14	18	7840	4.5	11	4	<0.3	0.5	0.9	11	42
1320	514957	5581838	2	80.7	<0.05	3.1	inf	4	6	20	3760	4.2	13	<2	inf	inf	inf	6	90
1321	513686	5583215	1.2	75.7	0.08	2.8	inf	2	9	15	2800	4.1	8	<2	inf	inf	inf	11	67
1322	512157	5582806	1.2	86.2	0.05	3.4	<1	4	6	15	3060	4.6	9	2	0.4	0.5	1.2	6	97
1323	508313	5583083	2.5	64.4	0.07	2.4	inf	2	14	25	4240	3.1	15	<2	inf	inf	inf	13	55
1324	506606	5582727	1	76.8	0.06	1.5	inf	5	8	14	2580	2.2	9	<2	inf	inf	inf	7	60
1325	506095	5582776	0.8	75.7	0.06	3.1	inf	<2	7	12	2600	2.6	11	2	inf	inf	inf	7	70
1326	506729	5583307	1.3	74.8	0.05	2.8	<1	3	8	15	2370	2.6	11	<2	<0.3	<0.3	<0.6	7	64
1327	507660	5583667	0.7	81.4	0.07	3.2	<1	7	7	21	2800	3.4	10	<2	<0.3	0.5	0.9	9	80
1328	507437	5585629	1.3	84.7	<0.05	3.3	inf	2	4	11	2450	3.9	7	<2	inf	inf	inf	4	83
1329	506464	5585784	6.7	61.7	0.13	4	<1	2	40	30	16540	2.8	24	5	0.9	0.8	2.1	56	173
1330	506318	5586236	0.4	22.4	0.06	1.7	<1	4	29	9	10310	0.8	15	4	0.4	0.4	1.1	23	64
1331	506872	5586458	2.5	68.8	0.07	2.7	<1	10	13	17	4290	3.1	10	2	0.6	0.4	1.3	15	92
1332	507406	5588408	1.3	76.1	0.07	3.3	<1	6	7	25	4950	4.3	11	2	0.4	0.5	1.2	9	112
1333	505712	5588840	1	83.4	0.06	4.3	inf	<2	8	19	3720	3.5	12	2	inf	inf	inf	8	90
1334	504999	5590166	2.6	77.7	0.08	2.6	<1	<2	14	32	5150	2.5	19	3	0.7	1.2	2.2	12	70
1335	503389	5591035	9.2	76.6	0.07	3	<1	5	14	31	10540	1.3	13	2	0.8	0.9	2.0	15	114
1336	503420	5590393	0.8	46.8	0.07	18.4	1	3	13	64	10090	4.3	15	3	1.4	0.9	2.6	14	62
1337	502383	5592325	2.4	64.4	0.11	1.9	<1	3	15	64	3060	2.9	26	<2	0.5	0.4	1.2	10	69
1338	500460	5593893	16	10.9	0.09	2.9	<1	<2	46	14	30130	0.4	28	7	0.4	0.4	1.0	45	92

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method----------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1339	502778	5593878	4.9	75.2	0.11	4.5	<1	5	18	30	6070	1.5	24	<2	<0.3	<0.3	<0.6	11	71
1340	503489	5594253	3.3	51.4	0.08	4.9	<1	7	33	34	11240	2.3	33	3	0.7	0.4	1.4	23	78
1341	504376	5593556	2.4	60.8	0.1	2.9	1	3	23	35	9750	2.5	20	4	0.6	0.5	1.4	20	83
1342	504104	5592160	3.3	64.5	0.07	6	<1	4	24	30	8930	1.8	22	3	0.5	0.4	1.1	18	106
1343	505044	5592412	2	61.0	0.07	7.7	<1	6	18	22	7230	3.9	21	<2	0.5	0.5	1.2	15	83
1344	506759	5592319	0.4	86.4	0.06	4.4	<1	2	5	13	2140	5.1	10	<2	0.4	0.4	1.1	5	106
1345	507242	5590452	0.6	57.1	0.06	5.7	<1	8	18	27	8540	2	19	5	0.6	0.5	1.4	17	74
1346	507722	5589299	2.5	59.7	0.06	7	2	4	24	47	9920	4.4	22	3	1.6	0.7	2.6	27	85
1347	509251	5589104	2.6	82.2	0.06	1.6	<1	5	11	18	3740	2.2	10	<2	<0.3	<0.3	<0.6	10	61
1348	509746	5587270	2.1	60.1	0.07	2.7	<1	4	25	17	11470	1.3	18	3	0.5	<0.3	0.9	17	77
1349	509844	5586423	0.8	66.7	<0.05	3.5	<1	<2	11	16	5750	4.6	15	2	<0.3	0.3	0.8	10	69
1350	510290	5585468	3.6	19.5	<0.05	1.5	<1	5	18	13	8060	1.4	12	2	0.6	<0.3	1.0	15	49
1351	513050	5584043	1.5	81.4	<0.05	3.7	Inf	5	6	25	1850	5.9	21	<2	Inf	Inf	Inf	6	82
1352	514155	5583448	4.4	75.1	0.06	3.8	<1	3	11	21	6380	8.4	14	3	0.7	0.5	1.5	11	102
1353	515819	5583255	4.3	35.2	0.08	1.6	1	2	22	19	10660	1	14	5	0.7	0.7	1.7	17	57
1354	517126	5582381	1.7	46.6	0.08	3.1	<1	<2	22	27	9240	2.7	19	4	0.5	0.4	1.2	20	74
1355	519376	5580689	2.2	79.3	<0.05	2.2	Inf	<2	10	19	5410	5.8	8	<2	Inf	Inf	Inf	7	41
1356	520449	5581402	0.2	81.7	0.07	3.6	<1	3	8	27	7820	6.2	14	<2	1.0	0.8	2.1	8	76
1357	521515	5580425	1.4	77.6	0.06	1.9	<1	5	7	16	2340	2.1	7	2	0.5	0.3	1.1	7	113
1358	523100	5579421	1	81.6	0.05	3.7	Inf	5	7	15	6480	4.2	9	<2	Inf	Inf	Inf	9	116
1359	525302	5579546	2.2	48.4	0.11	7.1	<1	<2	18	32	7830	2.2	17	3	0.4	0.4	1.1	15	68
1360	526596	5579043	2	69.4	0.06	3.6	1	<2	11	41	3720	2.4	19	<2	0.5	0.5	1.3	9	58
1361	529900	5577111	4	35.5	0.08	1.6	1	4	31	18	14110	0.7	23	4	0.5	0.5	1.3	23	71
1362	532251	5575550	2	76.5	0.07	4.6	<1	<2	14	34	7250	4.4	15	<2	0.6	0.4	1.4	13	55
1363	534159	5573660	1.4	11.7	<0.05	1	<1	<2	1	3	1720	0.9	2	<2	0.3	<0.3	0.8	2	12
1364	536055	5572232	1.6	38.7	<0.05	2.8	<1	2	10	14	4270	3.4	8	<2	0.7	<0.3	1.1	9	39
1365	536094	5571502	2.6	79.1	0.09	9.9	<1	5	19	49	14010	3.5	22	<2	1.6	0.9	2.8	24	84
1366	539396	5563940	6.2	51.9	<0.05	5.3	<1	3	19	19	15950	2.5	13	5	0.6	0.4	1.3	25	52
1367	540273	5563008	2.5	68.4	<0.05	4.4	<1	<2	13	16	7400	2.8	10	2	0.5	<0.3	0.9	10	61
1368	541169	5563047	0.4	60.4	<0.05	3.3	1	5	14	16	7850	0.7	10	5	0.6	0.4	1.3	9	83
1369	541399	5562032	1.4	87.6	<0.05	2.9	Inf	5	5	22	1710	3.3	13	<2	Inf	Inf	Inf	4	70
1370	542094	5561681	0.3	70.5	0.07	3	1	<2	13	40	6090	2.4	18	3	0.8	0.5	1.6	12	74
1371	542212	5561371	0.4	77.5	0.07	4.4	<1	4	9	38	5560	3.8	14	<2	0.7	0.8	1.8	10	81
1372	546460	5559077	0.8	45.9	0.05	4.3	<1	<2	17	24	10640	2.1	16	3	0.6	0.6	1.4	16	84
1373	550400	5557732	0.8	70.1	0.05	4.3	<1	3	30	35	7810	1.9	16	<2	1.2	0.7	2.2	9	65
1374	551676	5556741	1.2	62.4	<0.05	3.2	7	3	14	14	6370	2.3	12	4	<0.3	39.4	39.9	14	78
1375	552909	5556334	2.6	36.9	<0.05	3.2	2	3	11	14	8500	1.2	10	2	<0.3	<0.3	<0.6	11	55
1376	553957	5554638	1	79.9	0.07	7.2	<1	3	7	16	4390	3.7	7	3	0.6	0.5	1.4	12	107
1377	555742	5554507	1	65.3	<0.05	4	<1	4	13	14	6650	2.4	12	<2	<0.3	0.4	0.8	13	79
1378	556493	5553934	0.9	60.7	0.06	5.7	<1	6	13	21	10170	5.4	14	3	0.4	0.7	1.3	15	103
1379	555011	5553798	1.1	65.5	0.08	3.6	<1	<2	15	13	5650	2.1	13	3	<0.3	0.5	1.0	10	79
1380	553471	5552231	0.5	61.1	<0.05	4.8	<1	7	13	13	5470	2.6	13	4	0.4	<0.3	0.8	10	87
1381	556053	5550912	1.6	78.9	0.05	7.5	<1	5	17	26	4420	4.2	19	2	0.4	0.5	1.2	12	96
1382	557343	5549911	4	30.9	<0.05	3.1	<1	5	23	10	9400	0.9	15	4	<0.3	0.4	0.8	16	72
1383	558865	5551031	1	57.5	0.07	4.2	<1	2	20	17	9950	1.1	18	5	<0.3	<0.3	<0.6	16	69
1384	558921	5549484	2.1	51.0	0.06	6.2	<1	4	27	20	13230	1.2	22	6	0.5	0.5	1.3	23	106
1385	560532	5549210	7	28.1	0.08	4	<1	3	38	15	20770	0.8	23	9	0.3	0.6	1.2	37	140
1386	560461	5548101	1.5	46.5	0.05	2.7	<1	4	17	11	10080	0.7	11	5	<0.3	0.6	1.0	14	61
1387	558989	5548037	1.5	50.2	0.07	3.2	<1	4	28	12	16610	1	22	5	<0.3	0.5	0.9	22	101
1388	560218	5547224	7	45.6	0.09	4.6	8	4	26	21	27990	1.6	18	6	4.6	0.7	5.6	29	79
1389	560576	5543527	1.5	63.5	0.06	5.2	2	5	17	19	8390	1.3	19	5	1.9	0.5	2.7	14	87
1390	561477	5539648	1	83.4	0.07	2.9	<1	3	5	16	2170	3.4	9	2	<0.3	<0.3	<0.6	6	69
1391	562957	5538231	1.1	73.8	0.09	2.2	1	3	8	20	2760	2.8	9	<2	0.5	0.5	1.3	9	87
1392	563341	5537433	4.1	26.4	0.1	2.6	1	3	39	20	24310	0.7	27	8	0.4	0.6	1.3	38	98
1393	563342	5536733	5.7	26.1	0.09	3.1	<1	3	39	22	17830	1.5	28	6	<0.3	0.3	0.8	39	87
1394	564815	5535557	5.1	26.8	0.1	2.9	1	4	36	32	17010	0.5	25	7	0.5	0.7	1.5	27	73
1395	563978	5534839	6.6	18.8	0.09	2.3	<1	4	36	27	18580	0.8	25	6	0.7	0.8	1.7	28	72
1396	563393	5531736	0.5	34.6	0.15	2.4	1	<2	37	69	14030	1.2	34	9	1.2	1.1	2.7	24	90
1397	563335	5530491	2.2	61.3	0.07	2.7	<1	5	22	46	9120	2.5	30	4	0.6	0.9	1.8	16	87
1398	563812	5529490	3.7	48.8	0.1	4.2	<1	6	25	36	13750	2.1	24	5	0.6	0.8	1.7	25	92
1399	562701	5529815	1.7	42.7	0.11	1.1	<1	<2	30	28	14870	0.7	22	7	0.3	0.7	1.4	26	103
1400	562128	5530066	1.6	88.5	0.05	1.9	1	3	8	19	1940	4	16	<2	<0.3	0.6	1.0	4	88
1401	560539	5526893	6	21.1	0.09	1	<1	5	27	20	16630	0.6	18	5	<0.3	0.7	1.2	26	62
1402	560394	5526323	4.2	16.3	0.06	7.1	1	5	22	20	16440	1.1	18	4	0.7	0.8	1.8	23	48
1403	560266	5523752	0.9	71.6	<0.05	4.3	<1	<2	16	15	7000	1.1	14	8	0.4	0.4	1.1	16	58
1404	560613	5522598	7	28.6	0.06	3.5	<1	<2	12	9	17590	1.8	9	5	0.5	0.5	1.3	12	35
1405	560257	5522093	14.6	24.6	<0.05	8.7	<1	5	9	8	99720	3.2	5	4	0.5	0.4	1.2	13	28
1406	559944	5521910	14.4	13.1	<0.05	0.7	<1	<2	5	4	4030	1.4	6	<2	0.4	<0.3	0.8	5	15
1407	559963	5521436	6.7	24.0	<0.05	6.2	<1	<2	6	5	116840	1.4	1	3	0.4	<0.3	0.8	13	23
1408	559560	5521390	3.4	15.8	<0.05	5	<1	5	5	4	87280	1.1	<1	2	<0.3	<0.3	<0.6	10	13
1409	559054	5520596	10	15.9	<0.05	1.7	<1	8	18	6	10330	0.3	8	6	<0.3	<0.3	<0.6	15	41
1410	558419	5519875	10.5	69.3	0.11	2.3	<1	4	13	12	4770	0.9	10	4	<0.3	<0.3	<0.6	16	74
1411	557937	5519723	9.2	67.1	0.06	5.4	<1	4	14	10	11490	2	9	3	0.4	0.6	1.2	17	34
1412	556646	5518654	2	82.9	0.11	Inf	<1	Inf	14	13	3950	0.9	9	7	<0.3	<0.3	<0.6	14	86
1413	554260	5515961	4.2	31.1	<0.05	3.7	<1	5	13	6	15830	0.6	6	3	0.3	0.5	1.1	13	21
1414	551963	5514626	3	68.3	0.09	18.1	1	<2	20	48	13180	5.5	28	2	2.7	2.1	5.0	42	125
1415	551303	5514464	5.4	32.3	0.05	2.1	<1	<2	10	18	1570	2.9	4	<2	1.3	0.4	2.0	9	30
1416	548081	5514562	4.3	84.6	0.05	5	Inf	4	14	10	3720	3.4	12	3	Inf	Inf	Inf	7	126

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1417	548015	5513831	4	37.8	0.08	10.7	<1	3	19	26	18650	1.1	10	2	0.9	0.8	2.0	45	71
1418	551639	5515773	2	61.3	0.08	3.2	<1	<2	31	21	6220	2.3	15	5	0.9	<0.3	1.3	26	90
1419	551721	5516844	1.5	57.2	0.09	1.8	<1	6	37	18	6710	0.9	14	5	0.4	0.5	1.2	26	106
1420	554297	5523069	1	81.3	0.07	4.8	<1	2	11	24	2360	5.8	17	3	<0.3	<0.3	<0.6	8	93
1421	555663	5518635	17	19.9	0.07	2.6	<1	6	21	13	10220	1.9	10	6	0.4	0.3	1.0	19	36
1422	556579	5519551	5	68.5	<0.05	3.4	Inf	5	18	9	15000	4.1	8	4	Inf	Inf	Inf	9	69
1423	558237	5523012	2	59.5	<0.05	2.6	<1	5	62	29	11030	4	30	<2	0.8	1.0	2.0	18	46
1424	558408	5524067	6	23.0	<0.05	4.5	<1	6	53	15	13530	1.2	17	11	<0.3	0.6	1.1	21	45
1425	558693	5524826	8.5	30.1	0.07	5.1	<1	7	40	22	29480	1.2	25	9	0.7	0.9	1.8	40	75
1426	558543	5527755	2.5	74.3	0.07	2.5	<1	7	27	15	4010	1.5	13	<2	<0.3	0.4	0.8	12	104
1427	558597	5528057	5.8	74.6	0.06	3.9	2	2	18	21	11840	2.4	12	2	0.6	0.8	1.7	15	118
1428	559406	5528482	6	63.8	0.05	8.7	Inf	5	33	21	9480	3.6	15	4	Inf	Inf	Inf	13	73
1429	561041	5530221	5	15.2	0.07	1.1	<1	9	34	21	19640	0.2	20	6	0.5	0.6	1.4	32	64
1430	561292	5531159	15	19.2	0.11	5.1	<1	4	50	38	37640	0.5	38	10	0.8	0.8	1.9	51	109
1431	561873	5532506	18	13.6	0.09	2.3	<1	2	41	30	21660	0.3	29	8	0.6	0.5	1.4	41	89
1432	562401	5533836	8	9.2	0.05	3.2	2	6	34	21	19770	0.2	23	6	1.9	0.5	2.7	34	65
1433	562770	5535359	12	25.6	0.07	3.2	<1	6	32	23	16980	0.4	20	7	0.5	0.6	1.4	30	71
1434	562061	5536003	3	37.8	<0.05	3.4	1	<2	22	18	13010	0.6	17	6	0.6	0.7	1.6	18	60
1435	561037	5536827	1.7	35.0	0.08	4.2	1	5	30	20	17660	0.7	21	5	0.6	0.8	1.7	26	84
1436	561827	5537190	1.6	65.5	0.07	5.8	Inf	2	18	72	9970	4.2	21	<2	Inf	Inf	Inf	21	106
1437	561429	5537882	1.7	88.4	<0.05	2.8	Inf	6	5	15	2220	2.3	12	<2	Inf	Inf	Inf	4	73
1438	560672	5538717	2	90.0	<0.05	Inf	<1	Inf	4	10	1840	2	7	<2	0.3	0.6	1.3	3	63
1439	558538	5537091	1	77.5	0.05	3.4	<1	2	10	22	2910	2.6	13	3	0.5	0.8	1.6	8	117
1440	557068	5536967	5	12.6	<0.05	1.4	<1	6	26	15	17930	0.4	16	4	<0.3	0.4	0.8	25	46
1441	553108	5540144	1.7	43.4	<0.05	6.5	<1	6	23	21	14060	3.4	24	4	0.4	0.6	1.3	20	87
1442	553587	5542730	1.7	32.2	<0.05	2.2	<1	5	2	7	2700	1.7	4	2	<0.3	<0.3	<0.6	3	50
1443	553850	5545615	2	85.2	0.05	3.5	<1	5	5	14	3520	2.8	12	<2	<0.3	<0.3	<0.6	4	76
1444	554103	5545799	1.7	33.7	<0.05	3.3	<1	5	3	10	3040	2.5	7	<2	<0.3	<0.3	<0.6	4	53
1445	554481	5546809	1.6	86.5	<0.05	3.8	Inf	6	7	20	2960	4.5	16	<2	Inf	Inf	Inf	6	113
1446	555867	5546032	3	24.7	0.07	3.1	<1	9	30	12	18070	0.6	18	5	0.4	0.6	1.3	27	94
1447	557690	5546302	2	67.2	0.06	4.5	1	4	19	13	10360	1.5	18	4	<0.3	0.3	0.8	16	104
1448	558313	5546578	1.2	45.6	<0.05	11.1	<1	4	8	11	8920	3	9	2	<0.3	0.4	0.9	8	78
1449	556283	5547614	4	22.4	0.05	3.5	<1	5	24	10	14300	0.4	14	6	<0.3	0.6	1.0	23	78
1450	553643	5549451	2.4	84.5	<0.05	2.7	<1	9	4	10	1830	1.9	5	2	<0.3	<0.3	<0.6	5	79
1451	553432	5552209	1	59.1	<0.05	5.1	Inf	4	14	14	6670	3.2	13	4	Inf	Inf	Inf	13	96
1452	552562	5552293	1	17.7	<0.05	1.6	<1	6	3	14	758	1.3	2	<2	0.5	<0.3	1.0	4	17
1453	552942	5554024	1	86.0	<0.05	9.5	Inf	4	4	8	2180	3.5	6	3	Inf	Inf	Inf	6	119
1454	551849	5554487	2	88.4	<0.05	4.5	Inf	6	5	13	3340	2.1	10	<2	Inf	Inf	Inf	4	62
1455	550652	5553682	1	73.8	<0.05	4.9	<1	<2	9	14	6730	3.3	12	3	<0.3	<0.3	<0.6	8	141
1456	550238	5554566	5	72.7	0.06	5.1	<1	4	11	15	4870	2.8	11	3	<0.3	<0.3	<0.6	12	82
1457	550740	5555446	3	68.6	0.08	5.2	<1	2	15	18	7650	1.8	14	5	<0.3	0.6	1.0	15	96
1458	549080	5556056	2.5	84.7	0.05	2.9	Inf	6	5	13	1750	3.6	7	<2	Inf	Inf	Inf	6	67
1459	547466	5557468	2.6	16.0	<0.05	2.2	<1	4	31	9	16980	0.3	16	5	0.3	0.5	1.1	26	84
1460	547091	5557221	0.5	23.9	<0.05	2.8	2	<2	25	12	11310	0.4	14	6	0.4	0.4	1.1	19	67
1461	545748	5558133	1.5	76.8	<0.05	3.2	<1	3	8	12	4020	2.1	9	4	<0.3	<0.3	<0.6	10	77
1462	544366	5558460	1.4	66.4	<0.05	3	Inf	5	11	25	5090	2.5	17	3	Inf	Inf	Inf	10	82
1463	542420	5560147	1.5	65.0	0.05	3.6	<1	<2	18	28	7570	1.5	20	3	0.5	<0.3	1.0	14	61
1464	541416	5561247	1.5	79.2	0.06	1.8	Inf	<2	11	40	5320	3.1	19	2	Inf	Inf	Inf	8	81
1465	539086	5563125	2.5	65.7	0.06	6.5	2	6	17	23	12430	3.6	13	7	0.6	1.0	1.9	21	60
1466	538723	5567035	1.5	78.2	0.05	3.4	<1	<2	7	27	2750	3.7	13	2	0.6	<0.3	1.0	6	69
1467	538270	5568892	1	10.1	<0.05	5.7	1	6	22	16	11380	0.8	16	4	0.3	0.3	1.0	23	38
1468	537588	5571515	1.6	25.3	<0.05	2.9	<1	<2	24	16	11450	0.5	14	5	<0.3	0.4	0.9	18	53
1469	536210	5573031	1.7	82.2	0.07	3	<1	5	5	12	1960	2.7	7	3	<0.3	<0.3	<0.6	5	120
1470	535621	5573782	1.1	76.3	0.06	2.8	<1	<2	7	15	2680	3.8	8	4	<0.3	<0.3	<0.6	8	73
1471	534249	5575522	7.1	24.1	0.08	4.9	1	2	23	17	18710	1.1	16	9	0.5	0.6	1.4	24	61
1472	532160	5576597	2	50.5	0.06	3.6	<1	6	23	22	14080	2.3	16	5	0.5	0.6	1.4	21	69
1473	527784	5580066	6.6	38.2	0.11	3.7	<1	2	36	31	19560	0.8	20	5	0.5	0.7	1.5	31	127
1474	527023	5580032	2.6	52.3	0.07	4.4	<1	<2	22	32	10220	0.9	16	4	0.4	0.7	1.5	19	83
1475	526897	5580608	1.1	86.9	0.06	2.5	<1	5	5	9	1970	1.5	6	<2	<0.3	<0.3	<0.6	6	93
1476	523864	5580190	1	82.9	0.06	5.1	<1	6	7	22	5250	4.6	7	2	<0.3	<0.3	1.2	11	112
1477	522814	5581635	1.4	84.5	0.05	4.4	Inf	<2	6	8	2240	2.1	6	<2	Inf	Inf	Inf	5	122
1478	522056	5581846	1.4	80.8	0.06	2.9	<1	3	8	22	2410	3.1	12	<2	0.3	0.5	1.1	7	87
1479	521369	5582102	4.3	58.7	0.08	4.5	<1	<2	18	37	6850	2.2	14	4	0.6	<0.3	1.1	15	113
1480	520819	5583108	1	50.1	<0.05	2.4	<1	4	15	13	10100	2.5	11	<2	<0.3	0.5	0.9	14	45
1481	518656	5583301	1.4	59.3	<0.05	2.1	<1	5	11	29	2870	2.1	20	<2	<0.3	0.5	0.9	8	51
1482	517375	5583236	1.2	44.9	<0.05	2.4	<1	3	24	21	10100	2.8	19	3	<0.3	0.6	1.0	21	71
1483	516690	5584091	0.5	46.2	0.05	4	2	3	17	29	9060	2.6	17	<2	0.5	0.6	1.3	16	65
1484	517195	5584641	4.5	49.0	0.12	1.9	<1	5	29	34	16570	1	21	4	0.5	0.6	1.4	24	111
1485	516825	5586735	4.6	64.0	0.11	1.9	<1	5	16	51	3750	2.9	26	3	0.3	0.6	1.2	12	61
1486	515198	5586777	3	66.0	0.12	4.5	<1	6	26	59	10820	4.4	27	3	1.2	0.8	2.3	24	121
1487	512817	5587621	1.2	72.9	0.06	2.9	<1	<2	12	32	3400	6.9	25	3	0.6	0.6	1.5	7	75
1488	512633	5588388	2.1	80.6	0.08	2.8	<1	2	16	44	4390	4.5	24	<2	0.6	<0.3	1.0	10	109
1489	510472	5589394	2	65.0	0.05	1.7	<1	6	10	28	3460	2.8	16	<2	<0.3	<0.3	<0.6	7	70
1490	511374	5589982	1.6	50.9	0.13	2.5	<1	6	21	96	8560	2.1	29	3	1.1	0.7	2.1	17	58
1491	511366	5590417	6.2	39.7	0.83	3.3	1	5	40	53	13800	0.8	27	6	1.1	1.0	2.3	28	100
1492	511352	5591419	4.1	17.4	0.08	2.2	<1	5	35	22	15290	0.6	21	5	0.6	0.7	1.7	29	90
1493	510581	5591562	1.3	66.8	0.05	2.6	<1	<2	8	42	2570	5.5	18	<2	0.6	0.6	1.5	7	62
1494	509733	5590488	1.4	18.2	<0.05	3	<1	3	5	25	3780	5.4	7	<2	1.0	0.4	1.7	6	22

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units-------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1495	509354	5591604	3.2	24.6	0.08	3.6	<1	3	30	15	15630	0.7	17	5	0.7	0.9	1.8	23	92
1496	509663	5592122	1.6	62.2	0.07	3.9	<1	6	19	20	8020	2.5	20	4	0.4	0.6	1.3	12	91
1497	508522	5592462	1.6	61.9	0.06	4	<1	7	14	22	5420	3.6	17	3	0.5	<0.3	1.0	11	81
1498	508964	5594141	1.6	71.0	0.06	7.5	2	5	13	25	7930	4.5	20	2	1.1	0.5	1.8	10	101
1499	509684	5593625	1	64.0	0.07	4.4	<1	4	18	36	5550	3.3	37	<2	0.8	1.0	2.1	11	79
1500	510246	5594041	0.6	71.3	0.08	3.9	<1	<2	13	20	3670	3.5	16	2	0.6	0.6	1.4	11	77
1501	512539	5594178	1.5	78.6	0.07	2.1	<1	<2	8	17	1590	4	12	3	0.3	0.4	1.0	6	79
1502	512910	5591170	6.7	18.6	0.09	2.9	<1	5	39	22	19430	0.7	22	6	0.8	0.8	1.9	38	99
1503	514837	5589692	3.4	15.7	<0.05	2.6	<1	2	8	52	4770	1.1	10	<2	1.3	0.4	2.0	11	26
1504	514767	5588587	1.7	73.5	0.06	2.6	<1	4	12	27	3670	4.3	19	3	0.6	0.6	1.5	9	81
1505	515236	5587977	3.8	67.2	0.11	6.7	<1	3	18	40	7600	4.3	20	4	0.6	0.7	1.6	14	93
1506	517343	5587853	2	60.7	0.06	4.1	<1	2	12	33	4410	4.4	21	<2	0.4	0.5	1.2	7	59
1507	518018	5588133	1.5	61.1	0.13	2.1	1	4	14	47	3370	2.9	24	2	0.3	0.5	1.1	9	60
1508	518447	5588431	1	69.9	0.1	2.5	<1	3	13	60	3850	7	27	<2	0.5	0.5	1.4	10	67
1509	520206	5588781	7.4	55.8	0.18	4.2	1	3	27	60	8660	1.7	24	7	0.6	0.8	1.7	19	110
1510	521579	5588853	2	62.4	0.1	3.6	<1	5	19	38	5940	1.8	22	4	0.5	0.6	1.4	13	66
1511	520568	5587790	1	68.5	0.08	3.2	<1	6	13	36	3670	2	19	2	0.5	0.5	1.3	10	46
1512	518189	5586075	2	53.2	0.08	3.7	<1	6	20	40	7340	2.2	24	<2	0.4	0.6	1.3	16	64
1513	519203	5587553	2	38.6	0.15	3.2	1	5	29	42	14800	1.1	21	5	0.7	0.6	1.6	26	132
1514	519190	5584989	0.7	73.3	0.09	3.4	<1	7	14	24	4840	2.5	11	4	0.4	0.4	1.1	15	100
1515	520321	5584304	1	79.8	0.06	2	Inf	<2	6	21	2180	2.8	14	<2	Inf	Inf	Inf	5	49
1516	522189	5583058	0.5	77.7	0.08	2.7	<1	2	7	18	2670	1.4	7	3	<0.3	<0.3	<0.6	8	66
1517	522638	5582678	1.6	60.7	0.08	5.2	<1	5	13	21	7030	4	12	2	0.5	<0.3	1.0	18	76
1519	524973	5582894	2.1	66.0	0.06	4.9	<1	6	14	27	5940	2.5	12	<2	0.6	0.6	1.4	10	75
1520	526899	5580628	2.1	85.0	0.07	3.8	<1	3	6	12	2270	1.9	7	<2	0.3	0.3	1.0	7	113
1521	528765	5580682	0.7	41.8	0.08	3.5	<1	3	23	28	11360	0.7	18	5	0.4	0.6	1.3	20	71
1522	533777	5577827	5	16.3	0.09	5.8	<1	2	38	17	27650	0.6	23	7	0.4	0.6	1.4	40	76
1523	534725	5576553	4	76.0	0.08	4.8	Inf	3	12	16	5470	3.1	12	3	Inf	Inf	Inf	10	121
1524	534868	5576174	2.6	83.1	0.08	5.4	Inf	5	13	25	13850	3.6	11	3	Inf	Inf	Inf	19	93
1525	535393	5575334	7.3	37.6	<0.05	6.2	<1	<2	20	19	22160	1.5	12	4	1.0	0.8	2.1	20	46
1526	537192	5573133	2.4	17.1	<0.05	6.8	<1	5	4	9	8110	5.7	3	2	0.4	<0.3	0.9	6	28
1527	537413	5572608	2.5	13.9	<0.05	4.5	<1	4	14	11	10720	4.7	10	<2	0.3	0.3	1.0	14	31
1528	538647	5571274	2	84.5	0.05	5.8	<1	4	7	21	3640	6.2	19	<2	0.5	<0.3	0.9	7	92
1529	539909	5565061	4	62.3	<0.05	5.7	<1	3	31	22	13230	2.4	12	8	0.5	0.9	1.7	22	49
1530	539030	5572202	1.3	40.9	0.07	1.9	<1	5	45	27	15470	1.7	26	5	0.5	0.7	1.5	23	85
1531	538508	5571932	1.5	30.0	0.05	2.3	<1	3	34	18	13430	0.6	18	6	0.4	0.7	1.4	20	62
1532	537464	5574032	2.2	85.0	0.05	4.9	<1	<2	26	12	2690	2.5	8	2	<0.3	<0.3	1.0	7	94
1533	535497	5575353	7	37.2	<0.05	3.8	1	2	19	16	20960	1.2	10	4	0.7	0.9	1.9	16	38
1534	534750	5578408	1.5	70.3	<0.05	5.6	<1	7	17	24	4220	4.6	19	3	0.4	<0.3	0.9	11	79
1535	532951	5581199	1	20.9	<0.05	6.8	<1	<2	5	16	2810	2.9	5	<2	0.5	0.4	1.2	7	20
1536	531166	5582026	3	69.5	<0.05	2.3	<1	<2	16	25	3470	2.6	16	3	<0.3	<0.3	<0.6	6	51
1537	529064	5582233	0.8	59.1	<0.05	2.2	<1	4	12	8	4980	0.8	6	3	0.4	0.7	1.3	5	71
1538	526938	5581549	1.3	76.5	<0.05	2.8	<1	4	13	20	4520	2	13	<2	<0.3	<0.3	<0.6	5	96
1539	527300	5582768	1.3	70.7	<0.05	3.9	<1	2	15	28	7420	4.6	13	3	0.7	0.4	1.4	13	99
1540	527076	5583777	1	79.7	<0.05	5.2	<1	<2	10	43	1710	5.2	18	<2	0.9	0.4	1.6	9	73
1541	524311	5584041	1.2	66.4	0.08	11.2	1	7	26	26	8940	5.6	13	3	0.6	0.8	1.8	16	109
1542	524802	5585503	1.2	82.8	<0.05	3.6	<1	4	10	9	2780	1.9	7	3	<0.3	<0.3	<0.6	7	87
1543	526450	5585369	2.2	57.3	0.06	7	2	7	34	17	13670	1.5	15	5	0.4	0.4	1.1	18	106
1544	525189	5587370	2	28.7	<0.05	2.6	<1	<2	26	16	10660	1.7	13	3	0.4	0.4	1.2	15	48
1545	523531	5587135	4.5	82.6	0.05	2.9	<1	4	11	9	1930	3.1	4	3	<0.3	<0.3	<0.6	7	77
1546	523602	5587675	1.4	82.7	0.05	3.9	<1	5	15	18	3070	3.6	11	3	<0.3	<0.3	<0.6	8	85
1547	524270	5588941	0.8	78.9	<0.05	3.4	Inf	<2	12	10	2420	3.8	7	2	Inf	Inf	Inf	6	70
1548	524704	5588338	0.7	20.5	<0.05	0.6	<1	5	68	13	10460	1.5	16	<2	<0.3	<0.3	<0.6	20	50
1549	525445	5588300	0.8	60.0	<0.05	2.6	<1	3	39	16	10150	3.6	13	4	<0.3	<0.3	<0.6	11	55
1550	525545	5589476	0.5	77.9	<0.05	2	Inf	2	34	23	7880	7	14	3	Inf	Inf	Inf	8	67
1551	525850	5590716	0.2	76.9	<0.05	2.4	Inf	<2	33	26	8570	6.9	19	3	Inf	Inf	Inf	10	80
1552	525252	5591490	2.3	70.9	<0.05	2.6	<1	2	31	32	8020	4	21	3	<0.3	<0.3	<0.6	12	80
1553	524351	5591477	1.8	53.6	0.07	2.6	<1	4	36	37	10970	3.3	23	4	0.5	0.4	1.2	17	85
1554	523167	5590651	1.2	49.8	0.06	3.6	<1	<2	35	29	10180	1.9	22	3	0.5	0.3	1.1	17	73
1555	519941	5590642	2.1	17.8	<0.05	5.3	<1	5	41	36	11070	2	22	3	0.7	0.5	1.4	23	37
1556	518376	5592009	9.5	28.6	0.09	3.2	1	4	65	26	26750	1.1	32	7	0.7	0.7	1.7	45	112
1557	520732	5593981	3	46.1	<0.05	3.2	<1	<2	31	14	9810	4.6	19	4	0.4	0.4	1.0	16	48
1558	522256	5593357	1.2	68.8	0.06	5	<1	<2	33	31	11500	7.6	32	4	0.5	0.6	1.4	17	94
1559	523905	5594255	1	74.9	<0.05	5.9	<1	<2	26	23	8060	6.7	22	3	0.4	0.6	1.3	13	118
1560	525777	5592582	3	7.4	<0.05	2.7	<1	2	44	8	10220	1.9	13	<2	<0.3	0.3	0.8	19	36
1561	525591	5593809	4.1	79.3	0.07	3.1	<1	5	19	18	3150	4	14	2	<0.3	0.5	0.9	8	101
1562	527017	5594126	2.4	87.2	0.06	3.3	<1	5	15	10	1540	4.1	11	<2	<0.3	<0.3	<0.6	5	104
1563	530856	5594064	1.4	57.3	0.06	2.6	<1	6	47	12	8930	4.5	14	4	<0.3	<0.3	<0.6	11	56
1564	531390	5593059	0.4	57.9	0.08	2.4	<1	4	46	15	9990	5.2	14	4	<0.3	<0.3	<0.6	12	58
1565	530068	5593144	1	70.0	0.08	3.7	<1	7	41	23	10040	6.1	20	5	0.5	0.6	1.4	16	99
1566	529578	5593496	1	77.6	0.07	2.2	<1	5	43	31	6650	8.4	26	2	<0.3	<0.3	<0.6	8	96
1567	528907	5593078	1.9	66.7	0.14	2.9	<1	<2	24	32	4930	6.1	17	3	0.7	<0.3	1.1	16	71
1568	528844	5592202	1.1	64.7	0.1	5.9	<1	3	35	32	10430	5.4	20	5	0.7	0.4	1.5	17	100
1569	529780	5591370	0.2	34.6	0.07	3.2	<1	7	53	15	11030	3.6	17	6	0.3	0.7	1.3	18	59
1570	531040	5590911	0.9	74.0	0.15	1.9	<1	<2	15	18	2850	4.9	10	3	<0.3	<0.3	<0.6	9	63
1571	530023	5589681	0.8	80.3	0.17	11.6	<1	6	18	13	5740	6.9	8	5	0.5	0.5	1.3	8	92
1572	528650	5590655	2.1	68.5	0.05	3.3	<1	3	5	7	2340	5.1	6	<2	<0.3	<0.3	<0.6	5	75
1573	527553	5589171	0.6	70.8	<0.05	2.9	<1	<2	13	18	10940	4.5	12	<2	<0.3	<0.3	<0.6	13	64

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method---------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units---------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1574	526767	5588227	0.2	71.0	0.07	4.8	<1	3	17	36	15510	5.2	18	<2	0.9	0.4	1.6	16	76
1575	527669	5587624	3	58.8	0.06	5.3	<1	6	21	19	16140	3.1	17	<2	0.3	<0.3	0.8	20	100
1576	528227	5586386	3.4	40.1	0.08	6.2	1	3	30	32	18910	3.2	23	6	0.4	0.5	1.2	28	114
1577	529525	5586657	6.4	26.0	0.09	4.7	1	4	37	19	23780	1	23	6	0.4	0.7	1.4	38	115
1578	531696	5586838	1.1	87.9	0.05	4.2	<1	3	6	11	2530	3	9	<2	<0.3	<0.3	<0.6	5	110
1579	531330	5585671	1	58.7	0.08	5.5	1	7	27	19	13570	1.7	22	5	0.4	0.6	1.2	23	83
1580	528560	5585804	5.6	41.2	0.12	4.7	2	4	41	24	24100	1.2	28	6	2.0	0.6	3.0	41	152
1581	530857	5584343	1.4	79.7	0.09	4.6	<1	<2	11	22	5520	4.2	13	<2	<0.3	<0.3	<0.6	12	108
1582	532445	5582601	0.9	65.0	0.06	3.1	<1	<2	13	21	5530	3.3	14	<2	<0.3	0.5	0.9	11	64
1583	533001	5582161	3	69.1	0.06	3.2	<1	3	15	19	7480	3.3	14	<2	<0.3	<0.3	<0.6	15	78
1584	535383	5579372	2	31.2	0.07	2	1	4	31	22	15470	1.9	20	5	0.4	0.6	1.3	28	65
1585	538029	5574261	1.2	79.4	0.08	4.6	inf	4	11	18	6780	4.9	10	<2	inf	inf	inf	14	111
1586	537866	5573830	1.2	83.4	0.07	2.7	inf	2	19	11	3120	2.2	9	2	inf	inf	inf	11	80
1587	540423	5571254	1.7	25.1	0.08	2	<1	4	37	19	17340	0.7	23	4	<0.3	0.4	0.8	29	77
1588	538167	5504038	0.5	53.0	0.08	5.3	1	<2	27	32	11400	4.6	24	2	<0.3	0.8	1.2	24	91
1589	540357	5501002	0.8	51.7	0.06	6.2	1	4	28	27	15180	4	23	5	0.5	0.4	1.1	26	81
1590	541108	5499659	0.8	53.1	0.06	4	<1	3	23	22	11700	3.2	22	3	0.4	0.9	1.6	20	67
1591	542801	5499895	1.8	50.1	0.06	5	1	3	23	26	12460	2.8	25	3	<0.3	0.6	1.0	21	67
1592	542953	5493210	2	84.2	0.05	3	<1	7	7	27	1790	5	41	<2	0.7	0.5	1.4	4	79
1593	543019	5492348	1.1	69.6	0.11	2.8	inf	<2	35	36	3910	2.9	43	<2	inf	inf	inf	18	68
1594	542654	5491873	5.2	54.1	0.07	1.6	<1	4	40	23	9270	1.1	30	4	0.5	0.8	1.6	20	84
1595	541976	5491728	1.1	80.7	0.06	4.2	inf	3	12	29	1790	4.2	46	<2	inf	inf	inf	6	72
1596	541623	5491573	1.6	76.3	0.07	2.4	1	<2	14	60	1440	4.4	49	<2	1.0	0.7	1.9	8	68
1597	540547	5490864	1.6	87.8	0.06	2.2	5	<2	9	17	1280	4	17	<2	0.5	0.5	1.3	5	90
1598	539943	5490420	3.3	69.9	0.12	3	inf	3	20	50	6160	4.3	29	3	inf	inf	inf	18	76
1599	540138	5489877	2.1	55.3	0.11	1.4	2	5	57	38	14370	1.3	43	4	0.9	0.8	2.0	28	94
1600	541009	5490146	3.4	47.1	0.11	3.1	<1	<2	60	35	16200	1.1	38	2	1.0	0.8	2.1	29	109
1601	541922	5489524	3.6	79.3	0.1	2.6	<1	3	26	56	3020	3.7	53	<2	1.3	0.8	2.4	12	102
1602	541309	5488916	1	49.2	0.1	0.6	<1	4	35	33	8070	1.9	25	5	0.6	0.7	1.5	19	76
1603	540123	5489142	6.7	42.9	0.16	1.9	1	5	52	34	13460	1.1	32	5	0.7	0.8	1.8	29	90
1604	540231	5487797	1.2	78.1	0.07	2.5	<1	<2	17	29	3230	3.3	22	<2	1.2	<0.3	1.8	12	82
1605	539149	5486734	2.5	53.4	<0.05	2.2	<1	5	22	20	7000	2.6	32	3	0.6	0.6	1.5	13	67
1606	541969	5487513	13	5.4	<0.05	1.6	<1	3	21	6	9910	0.3	10	<2	<0.3	<0.3	<0.6	19	25
1607	543643	5488427	5	65.0	0.13	2.9	<1	2	38	48	7370	2.9	35	4	0.6	0.6	1.5	28	114
1608	543714	5487746	13.4	59.5	0.13	5.4	1	3	37	43	9830	2	33	13	0.5	0.5	1.3	27	109
1609	544573	5486660	11	25.4	0.1	7.2	1	<2	50	28	25610	0.8	33	8	1.0	0.9	2.1	45	80
1610	543453	5485597	2	26.4	0.1	2.1	<1	5	109	28	23170	0.7	55	<2	0.7	0.8	1.7	51	94
1612	545083	5486195	8.7	21.4	0.12	5.9	2	<2	70	33	40190	0.7	47	9	1.0	0.9	2.1	62	117
1613	547853	5487704	3.2	13.7	<0.05	2.3	1	4	10	17	6330	1.6	14	3	0.4	<0.3	0.8	8	23
1614	548373	5487323	1.6	61.3	0.07	3	<1	4	26	39	6930	2.1	36	3	0.4	0.5	1.2	17	68
1616	549358	5488448	12.4	36.9	0.14	3.8	2	<2	63	40	19010	1.4	38	8	0.6	0.7	1.6	46	111
1617	550310	5488446	1	40.7	0.07	2.8	<1	3	41	25	8980	1.1	32	5	0.5	0.5	1.3	20	74
1618	551242	5486688	4.8	44.5	0.14	1.4	<1	4	53	38	11490	0.9	39	4	0.5	0.7	1.5	23	95
1619	552111	5487702	4.5	51.4	0.21	2.2	<1	4	43	50	8240	1.5	36	4	0.8	1.1	2.2	26	98
1620	552753	5488247	2.1	49.6	0.12	4.5	1	<2	50	40	10350	1.3	41	<2	1.0	0.7	2.0	34	135
1621	553188	5488199	1.3	41.7	0.07	2.4	<1	5	37	19	8260	0.9	30	<2	0.7	0.8	1.8	17	69
1622	553680	5488716	2.7	56.3	0.19	3.7	5	2	41	41	8840	1.7	56	4	2.9	0.5	3.7	23	79
1623	554751	5488778	5.2	51.7	0.16	4	<1	4	45	48	8760	1.7	46	7	0.9	0.6	1.8	22	82
1624	553347	5486534	2.3	41.2	0.11	2.3	<1	6	48	53	9360	2.1	48	<2	0.9	0.9	2.1	24	87
1625	555291	5486606	1.5	69.9	0.06	1.9	<1	3	10	39	3360	1.7	29	<2	0.8	0.6	1.8	6	60
1626	556047	5486922	1.2	40.1	0.07	3.3	3	4	37	29	9250	0.8	28	4	4.4	0.7	5.3	17	72
1627	557826	5487772	4.7	22.2	0.1	2.4	<1	5	49	26	24030	0.6	26	7	0.7	0.6	1.7	43	88
1628	558387	5486915	6.3	43.6	0.07	4.7	1	5	30	32	10490	1.9	29	3	0.8	0.9	2.0	23	67
1629	559485	5487051	2.2	29.6	0.13	5	1	4	58	31	36420	0.8	33	5	1.1	0.7	2.0	64	125
1630	560946	5486849	1.2	48.2	0.08	4.4	<1	4	27	33	7680	1.3	33	3	0.6	0.8	1.6	16	67
1632	563265	5487384	3.6	79.7	0.08	2.6	inf	6	12	26	5930	2.1	15	3	inf	inf	inf	9	129
1633	563735	5487474	1.2	78.6	0.08	2.4	<1	2	10	28	2250	4.1	22	<2	0.6	0.7	1.7	7	71
1634	564138	5486542	5.3	22.5	0.08	1.6	1	5	33	25	11350	0.9	23	4	0.7	0.7	1.7	25	74
1635	564911	5486717	2.4	59.1	0.09	3.2	<1	5	26	32	6560	1.4	36	4	0.6	0.8	1.6	15	72
1636	567324	5487296	1.7	86.6	0.06	2.7	<1	6	10	34	1480	3.8	36	<2	0.6	<0.3	1.0	6	70
1637	567639	5487503	1.6	88.8	0.06	1.5	inf	<2	6	11	1610	1.8	8	<2	inf	inf	inf	4	122
1638	568161	5487896	5.5	38.1	<0.05	7.4	<1	4	7	23	59870	3.2	9	4	1.1	1.0	2.4	22	40
1639	569029	5488197	1.5	35.1	0.11	7.1	<1	2	41	34	31300	1.1	25	16	0.6	0.9	1.8	40	87
1640	568183	5487427	3.5	35.3	0.08	8.2	1	3	31	23	14550	1.6	20	19	0.5	0.8	1.5	27	91
1641	568222	5487936	3	23.6	<0.05	3.9	<1	3	3	7	4400	2	3	5	0.4	<0.3	0.9	5	21
1642	568391	5488091	3.9	20.4	<0.05	3.1	<1	3	8	13	10240	1.6	5	2	0.8	0.4	1.5	12	23
1643	568842	5488251	6.7	38.6	0.09	12.1	<1	5	25	55	43680	2.1	22	10	0.7	0.4	1.5	31	66
1644	569541	5488188	3.2	11.2	<0.05	4.5	<1	<2	14	14	10560	1.2	12	<2	<0.3	<0.3	<0.6	12	30
1645	570446	5488772	1.5	82.7	0.06	6.3	inf	2	7	17	5710	12.6	15	<2	inf	inf	inf	6	117
1646	570378	5489392	0.2	54.1	0.07	8.6	<1	<2	28	40	16980	3.8	43	3	0.5	0.7	1.4	23	72
1647	569831	5489290	3	35.7	0.07	5.1	<1	6	36	36	13750	1.5	30	5	0.5	0.5	1.3	22	65
1648	568586	5490162	4.6	5.4	<0.05	2.4	<1	4	20	5	11070	0.2	12	4	<0.3	<0.3	<0.6	20	30
1649	567410	5491104	0.7	52.5	0.07	3.1	2	3	25	31	8120	1.7	34	6	1.2	0.6	2.1	12	65
1650	567794	5491805	1.5	85.9	0.07	2.4	<1	2	81	21	3240	4.5	52	3	<0.3	0.4	0.8	5	89
1651	568834	5494590	3.2	47.0	0.13	6.6	1	<2	53	40	15120	1	39	8	0.5	0.7	1.4	28	103
1652	569595	5494055	1.4	28.2	0.08	2.8	<1	6	256	37	12530	4	96	6	0.3	0.5	1.1	27	68
1653	568579	5492343	5.3	32.6	0.15	2	1	5	53	42	17500	1	37	7	0.7	0.7	1.7	40	83
1654	569402	5491739	5.3	19.6	0.07	1.3	<1	3	34	17	15750	0.7	23	4	<0.3	0.3	0.8	28	58

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1655	570350	5492543	1	56.7	0.08	4.9	<1	7	33	43	12470	3.8	52	4	0.4	0.5	1.2	26	68
1656	571199	5491102	2.4	78.2	0.07	2.7	Inf	6	20	22	6270	3.6	21	3	Inf	Inf	Inf	15	72
1657	570375	5490325	3.4	71.7	<0.05	3.7	<1	4	11	16	2860	2.5	14	3	<0.3	0.4	0.8	10	95
1658	571132	5489432	1.3	60.3	0.05	4.6	<1	<2	19	28	9850	2.8	34	4	<0.3	0.4	0.8	13	60
1659	571938	5489039	0.9	79.8	<0.05	4.2	<1	3	7	13	6120	0.8	8	10	<0.3	<0.3	<0.6	7	20
1660	571712	5490650	1.5	76.5	0.06	3.5	Inf	3	20	22	10080	4.1	26	2	Inf	Inf	Inf	15	68
1661	572279	5490666	2.6	69.3	0.05	4.2	Inf	<2	18	22	2720	3.9	33	3	Inf	Inf	Inf	10	77
1662	573245	5493195	0.9	43.1	0.06	2.7	<1	3	35	19	12070	1	22	7	<0.3	0.7	1.1	19	106
1663	574712	5492305	1.5	55.2	0.22	5.3	6	8	37	26	10190	2.9	37	6	0.4	0.6	1.2	16	80
1664	573868	5492182	0.5	42.9	0.24	2.5	<1	4	30	18	9330	3	23	4	<0.3	0.5	1.0	15	74
1665	573358	5492379	1.4	39.4	0.21	4.1	<1	4	34	16	10900	3.3	19	8	0.5	0.7	1.5	17	83
1666	573187	5491617	2.1	14.6	0.17	0.9	<1	3	8	10	2480	3.6	4	<2	0.8	<0.3	1.2	4	14
1667	572888	5491789	0.2	2.8	0.12	<0.5	<1	<2	2	2	447	2.4	1	<2	<0.3	<0.3	<0.6	<1	5
1668	572645	5491610	6.2	6.2	0.16	0.9	<1	3	5	6	1390	2.8	2	<2	0.4	<0.3	0.8	3	8
1669	572443	5490599	1.6	69.1	0.17	1.6	Inf	3	38	30	6490	7.2	46	3	Inf	Inf	Inf	16	66
1670	573163	5489500	0.4	64.0	0.33	2.5	<1	3	22	24	2690	8.1	46	2	0.4	0.4	1.1	10	75
1671	573997	5489182	1.5	55.8	0.07	1.2	<1	3	22	28	2920	1.7	47	<2	0.5	<0.3	0.9	8	61
1672	574824	5489894	1.1	68.2	0.07	1.8	<1	4	20	34	2170	2.6	46	2	0.4	0.5	1.2	8	59
1673	575475	5491349	2.1	63.4	0.05	1.8	<1	<2	25	22	3280	2.3	41	2	<0.3	<0.3	<0.6	9	83
1674	575596	5490167	1	33.9	0.08	6.4	<1	4	77	17	25320	0.7	29	16	0.5	0.9	1.7	43	132
1675	576211	5489788	3.2	56.2	0.09	3.6	<1	6	27	36	5900	1.4	37	3	0.5	0.7	1.5	13	87
1676	576442	5489415	1.2	80.0	0.05	2.3	<1	4	22	11	2770	1.9	26	2	<0.3	<0.3	<0.6	7	96
1677	577250	5490063	2.5	42.2	0.14	5.3	<1	3	81	27	22860	0.9	37	11	0.7	0.9	1.9	41	184
1678	576844	5490698	4.2	39.5	0.14	4.2	<1	7	74	30	21010	0.9	35	11	0.5	1.0	1.8	40	160
1679	576257	5491220	2	9.5	<0.05	1.7	<1	6	3	16	3180	2	10	<2	<0.3	<0.3	<0.6	3	14
1680	575831	5491929	1.1	59.9	0.07	3	<1	3	33	22	9400	1	31	3	<0.3	0.8	1.3	14	72
1681	575631	5492307	1.4	43.5	0.07	2.8	<1	5	32	26	8380	2.7	31	3	0.5	0.7	1.5	15	61
1682	576811	5493705	0.3	89.1	<0.05	3.7	<1	7	5	13	2500	2.1	12	6	<0.3	0.4	0.8	4	19
1683	578975	5492979	1.5	58.7	<0.05	1.9	<1	6	10	30	2960	4.9	31	<2	<0.3	0.4	0.9	7	61
1684	581823	5494709	0.9	16.3	<0.05	3.9	<1	7	4	8	3360	2.5	7	<2	<0.3	<0.3	<0.6	3	20
1685	580507	5496555	1.3	79.1	0.07	1.6	<1	5	16	32	3210	3.2	31	<2	0.4	0.6	1.3	7	56
1686	580008	5498657	2.5	22.4	0.08	2.9	<1	5	37	13	12650	0.8	19	6	<0.3	0.5	0.9	20	58
1687	578934	5499531	3.3	4.6	<0.05	1	4	<2	18	5	5560	0.2	8	2	<0.3	0.3	0.8	12	22
1688	578091	5498847	4.8	15.7	0.09	2.9	<1	2	36	18	11420	0.6	19	5	0.6	0.5	1.5	22	68
1689	577444	5498297	0.1	24.3	0.17	2.1	<1	8	22	18	7670	0.3	12	5	0.5	<0.3	0.9	15	22
1690	577843	5497584	1.7	7.4	0.06	3	<1	4	12	7	5340	0.7	8	3	<0.3	<0.3	<0.6	9	20
1691	577065	5497604	4	17.5	0.07	3.8	1	9	26	15	11260	0.6	15	10	0.4	0.6	1.3	23	45
1692	577330	5496914	3.7	21.2	0.07	3.4	2	5	32	17	12700	0.6	20	7	0.5	0.6	1.4	21	53
1693	576179	5495189	1.9	67.0	0.1	3.2	<1	6	33	41	4900	2.2	48	2	0.7	0.6	1.6	10	96
1694	576043	5496712	1.8	6.2	<0.05	1.6	2	7	21	9	9690	0.2	10	5	<0.3	<0.3	<0.6	18	25
1695	575261	5496403	2	9.4	0.05	6.3	<1	4	18	13	9590	0.7	13	7	0.5	0.3	1.1	15	30
1696	574974	5496779	3.3	7.6	<0.05	1.5	<1	<2	18	6	6080	0.3	10	2	0.3	<0.3	0.8	12	29
1697	575767	5498141	5.3	32.9	<0.05	1.3	<1	3	26	9	4370	0.6	10	4	<0.3	0.6	1.0	12	48
1698	575468	5498221	2	61.8	0.11	3.7	Inf	9	65	15	5560	1.5	15	6	Inf	Inf	Inf	20	83
1699	574997	5498025	7.4	57.9	0.1	3.2	<1	4	36	17	4320	2.6	13	10	<0.3	0.5	1.0	16	112
1700	574920	5497762	1.1	72.3	0.07	4.2	<1	3	35	16	3030	4.3	17	4	<0.3	0.5	1.0	10	100
1701	571951	5496568	14	9.4	0.07	4	<1	4	35	16	17230	0.5	23	5	<0.3	<0.3	<0.6	34	71
1703	570975	5496118	3	17.2	<0.05	3.1	<1	<2	23	9	6050	0.4	9	3	<0.3	0.4	0.9	14	20
1704	570865	5497137	0.5	6.6	<0.05	1.6	<1	<2	12	4	4280	0.2	6	<2	<0.3	<0.3	<0.6	8	15
1705	569280	5495445	0.5	9.3	<0.05	2.5	<1	<2	23	9	9440	0.2	11	4	<0.3	<0.3	<0.6	17	32
1706	564391	5496094	1	19.6	<0.05	2.7	<1	2	21	15	8420	0.3	11	9	0.5	0.6	1.4	14	36
1707	564149	5495821	3	7.7	<0.05	<0.5	<1	3	2	4	565	0.7	2	<2	<0.3	<0.3	<0.6	2	5
1708	563562	5495637	1.2	25.3	0.05	4.1	<1	4	26	24	9040	0.7	15	9	0.5	0.5	1.3	16	41
1709	563227	5495260	1.5	35.7	0.05	7.8	2	<2	39	34	7340	1.9	17	8	<0.3	0.5	0.9	13	40
1710	562096	5495577	1.7	37.2	0.13	7.7	4	2	18	37	14540	0.8	11	10	1.0	0.9	2.2	28	54
1711	563083	5495088	1.7	37.8	<0.05	4.3	<1	3	12	21	5030	1.8	11	4	<0.3	<0.3	<0.6	5	24
1712	563535	5494457	7	29.2	<0.05	5.7	<1	<2	10	20	27780	1	6	3	1.1	0.9	2.3	19	26
1713	564222	5494268	1.5	87.5	0.06	4	<1	3	11	14	1680	2.8	7	3	0.5	0.5	1.2	7	96
1714	563841	5494666	1.5	82.3	0.06	3.4	Inf	6	20	12	2750	1.3	8	3	Inf	Inf	Inf	12	66
1715	565440	5494677	3	81.8	<0.05	3.5	<1	4	12	19	1820	2.5	20	2	<0.3	<0.3	<0.6	4	67
1716	566238	5494182	1.4	48.8	0.07	4.6	<1	7	31	25	6710	1.1	30	4	0.3	0.5	1.2	17	49
1717	567658	5493991	5.6	31.4	0.07	4.1	3	7	35	33	14810	0.7	23	7	0.3	0.4	1.0	26	53
1718	567560	5493770	6.3	34.6	0.12	3.3	1	<2	38	49	10980	1	27	5	0.6	0.7	1.6	26	69
1719	567149	5493752	3.3	38.5	0.08	2.7	1	<2	32	59	8050	1.4	35	4	0.9	0.6	1.8	20	60
1720	566552	5493156	0.2	19.7	<0.05	2.3	<1	3	19	26	5210	0.3	13	5	<0.3	0.4	0.9	13	48
1721	565577	5493280	1.3	77.9	0.08	2.4	<1	3	26	38	3750	1.4	40	3	0.3	0.6	1.3	9	75
1722	565461	5492701	1.5	64.3	0.07	2.6	<1	4	28	44	6080	1.3	40	3	0.6	0.6	1.5	14	87
1723	565279	5491792	1.4	46.8	0.06	3	<1	4	22	71	3860	1.9	26	<2	0.9	0.8	2.0	9	61
1724	563953	5492782	0.2	16.2	<0.05	1.9	<1	5	10	21	3980	0.4	10	5	<0.3	<0.3	<0.6	6	29
1725	564359	5493524	2	40.3	<0.05	3.8	<1	3	10	27	4750	2.1	14	2	0.4	<0.3	0.8	5	28
1726	563663	5493379	10.9	9.7	<0.05	5	<1	3	8	14	6510	0.5	8	2	0.5	0.4	1.2	8	25
1727	562652	5493030	5.2	65.1	0.07	4.7	<1	<2	33	43	4360	2.3	15	6	0.9	<0.3	1.4	18	63
1728	562149	5492247	1.4	72.0	0.05	3	<1	3	20	26	2200	3.8	19	2	0.4	0.5	1.2	9	58
1729	560881	5492281	5.1	28.6	0.05	3.9	<1	3	13	29	9170	0.7	9	5	0.8	0.6	1.8	15	49
1730	562064	5492226	2.3	67.5	0.1	8.5	1	<2	16	25	2870	2.4	17	25	<0.3	0.5	1.0	7	80
1731	563170	5489039	1.7	34.2	<0.05	1.4	<1	2	18	16	7380	0.8	15	7	<0.3	0.5	0.9	11	42
1732	562348	5488500	2.9	30.1	0.08	1.9	1	3	41	23	10640	0.6	23	6	0.4	0.8	1.5	19	59
1733	561561	5488030	3.2	40.1	0.08	0.6	1	7	39	28	7920	1.8	26	3	0.5	0.6	1.4	20	56

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method---------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit-->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units----------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1734	559650	5492570	1.9	81.2	0.07	2.6	Inf	3	26	25	2140	3.8	16	2	Inf	Inf	Inf	10	79
1735	560034	5492529	1.2	85.6	0.06	5.6	<1	<2	16	15	1710	3.6	7	3	0.6	0.4	1.2	8	104
1736	560739	5492761	5.2	66.8	0.07	7.8	<1	7	25	46	64700	1.8	17	5	0.6	0.7	1.7	32	114
1737	561156	5493000	5.3	50.0	0.12	4.5	<1	5	29	98	23400	1.6	19	5	1.3	0.8	2.4	38	99
1738	561942	5493151	1.2	25.3	<0.05	3.5	<1	<2	9	23	5120	1.2	11	4	0.4	<0.3	0.9	7	30
1739	561975	5493508	9.4	72.5	0.09	1.9	<1	4	34	32	3420	2.6	16	4	0.6	0.7	1.5	11	79
1740	562631	5494543	11.4	28.3	0.09	19.9	<1	5	35	32	59470	0.8	38	10	1.0	1.1	2.4	50	107
1741	562184	5495937	1.6	67.7	0.06	2.1	<1	<2	26	14	2760	2.7	12	4	<0.3	<0.3	<0.6	7	79
1743	561022	5496703	0.5	57.5	<0.05	2.8	<1	<2	17	15	6470	2	22	4	<0.3	0.4	0.9	7	47
1744	561045	5495540	1.6	37.1	0.07	3	1	6	30	22	11000	0.8	20	4	0.7	0.7	1.7	19	62
1745	560536	5495090	5.4	18.4	<0.05	3.2	<1	3	20	17	11260	0.4	11	5	0.4	0.5	1.1	22	40
1746	559837	5494814	5.4	69.0	0.11	7.2	<1	3	30	52	33380	1.9	21	6	0.7	0.8	1.7	38	123
1747	559040	5494265	5.2	57.3	0.08	3.3	<1	4	36	53	11500	2	29	4	0.8	0.8	1.9	26	93
1748	558972	5493413	4.1	56.3	0.07	2	<1	2	39	36	6310	2.5	28	3	<0.3	0.6	1.0	16	69
1749	558736	5494279	4	69.0	0.08	7.1	<1	5	23	72	65830	2	19	3	1.0	0.8	2.1	45	104
1750	558284	5494114	1.5	14.0	<0.05	2	<1	3	4	12	3410	1	5	<2	<0.3	<0.3	<0.6	9	19
1751	559446	5495472	1.4	79.7	0.06	4.1	Inf	4	17	18	3070	2.6	16	3	Inf	Inf	Inf	9	67
1752	559838	5495826	0.8	83.0	0.05	1.7	Inf	5	14	18	1790	2.9	21	<2	Inf	Inf	Inf	5	75
1753	557743	5496754	7.6	66.7	0.09	4.1	<1	7	38	41	17570	2	28	4	0.4	0.6	1.3	38	125
1754	557078	5497525	1.3	86.2	<0.05	1.1	<1	<2	7	10	2090	2.5	7	<2	<0.3	0.4	0.8	3	61
1755	556380	5497954	1	61.9	<0.05	2.3	1	5	14	25	3650	2.2	20	2	0.7	0.6	1.6	9	67
1756	555238	5498682	1.4	82.7	<0.05	3.2	<1	5	6	11	1710	3.4	11	3	0.5	<0.3	1.0	5	82
1757	554009	5492549	1.1	59.8	0.05	4.3	<1	2	16	36	4050	3	36	3	0.7	0.6	1.5	11	65
1758	552461	5492990	2.2	68.1	0.07	1.7	<1	7	19	44	3330	1.9	41	2	0.7	0.5	1.5	10	54
1759	551196	5492208	2	44.3	0.11	2.4	1	3	33	37	8730	1.2	33	4	0.6	0.7	1.6	21	72
1760	549488	5493086	2.9	43.9	0.09	2.9	1	5	43	35	15670	1.3	30	6	0.9	0.8	1.9	34	82
1761	551793	5493948	2.3	58.7	0.08	3.7	1	5	23	48	4090	1.9	41	<2	0.7	0.6	1.6	12	64
1762	552643	5494073	1	7.2	0.06	1.6	1	6	31	16	12300	0.3	18	6	0.4	0.3	1.1	26	38
1763	546983	5498856	3.1	88.5	0.05	4.3	<1	<2	4	12	1470	2.5	6	2	<0.3	0.3	0.8	4	91
1764	546173	5499893	21	7.4	0.07	3.4	1	2	34	14	22430	0.3	22	10	0.4	<0.3	0.9	38	56
1765	547498	5500743	13.4	7.0	0.06	3.5	<1	4	31	12	17510	0.3	19	7	0.3	0.3	0.9	31	48
1766	543730	5503423	0.9	58.2	<0.05	5.4	<1	5	12	19	9870	2.3	23	3	0.4	0.5	1.1	10	114
1767	544449	5514421	5.3	55.8	0.09	39.4	<1	5	37	21	100960	1.7	10	8	0.7	0.7	1.7	102	157
1768	550759	5516712	0.8	70.1	0.06	2.8	<1	3	14	18	4410	1.8	10	5	0.4	0.4	1.1	16	109
1769	551108	5516798	2.3	60.8	0.09	4.9	1	3	23	42	6760	2.3	13	7	1.4	1.1	2.8	21	100
1770	552488	5518430	1.5	37.4	<0.05	2	<1	4	12	9	3200	0.8	6	5	0.4	0.6	1.2	9	68
1771	552773	5518668	1.4	43.7	0.05	3.1	<1	4	15	13	3960	1	8	4	<0.3	<0.3	<0.6	12	74
1772	551512	5521928	0.6	66.1	<0.05	3.5	<1	6	7	7	13110	1.3	6	4	<0.3	0.4	0.9	8	24
1773	555817	5523793	12.7	7.1	<0.05	1.7	<1	<2	17	7	9860	0.8	10	3	<0.3	<0.3	<0.6	17	24
1774	555936	5522645	6.6	74.9	0.07	5.3	<1	4	12	18	8940	5.8	14	3	0.3	0.7	1.3	15	103
1775	556763	5523559	1.6	64.4	0.1	2	<1	5	24	21	5870	1.9	15	5	0.3	0.4	1.0	25	109
1776	557102	5523222	2	68.4	0.05	1.1	<1	3	9	6	4740	1.8	6	2	<0.3	0.5	0.9	7	71
1777	556206	5525320	3.8	11.4	<0.05	1.7	<1	6	7	6	3990	0.7	5	<2	0.3	<0.3	0.8	6	13
1778	557741	5525499	4.9	18.9	0.07	1.4	<1	2	34	15	20370	0.6	21	7	0.5	0.5	1.3	30	61
1779	557605	5526649	4.4	36.7	<0.05	2	<1	2	5	20	9990	7.5	4	<2	1.2	0.5	2.1	6	37
1780	557087	5527932	4.4	3.3	0.08	2.9	<1	6	36	21	18820	0.5	24	7	0.4	0.4	1.0	38	52
1781	557898	5528113	4	74.2	0.06	4.1	Inf	4	11	18	7750	4.7	9	3	Inf	Inf	Inf	12	47
1782	558137	5528851	2.1	82.9	<0.05	2.7	Inf	2	6	14	4830	5.1	5	<2	Inf	Inf	Inf	5	50
1783	558800	5529650	5.5	73.6	0.08	5	2	5	14	30	9660	5.4	11	4	1.3	0.8	2.4	26	108
1784	559226	5529587	2	76.8	0.09	2.7	<1	<2	15	17	3800	2.8	11	4	0.3	0.4	1.1	16	132
1785	559565	5530244	3	79.3	0.07	1.7	Inf	5	13	16	4180	2	9	3	Inf	Inf	Inf	13	91
1786	558764	5531108	4.2	16.2	0.05	2.7	8	5	20	15	9710	0.5	13	4	0.3	<0.3	0.8	19	47
1787	560329	5533195	4.3	72.0	0.09	3.1	Inf	4	15	63	7170	2.1	21	5	Inf	Inf	Inf	14	73
1788	560058	5534144	1.6	65.7	0.07	3.8	1	4	17	43	6450	2.2	24	3	0.4	0.5	1.2	12	70
1789	560485	5535233	2.6	72.8	0.06	3.1	Inf	<2	10	28	5380	2.8	14	3	Inf	Inf	Inf	10	72
1790	560260	5536394	4.3	28.6	0.08	3.5	1	6	33	23	21700	0.8	22	7	0.7	0.7	1.7	30	90
1791	559254	5536433	4.9	30.4	<0.05	2.4	<1	<2	24	20	11380	1.2	14	4	0.4	0.4	1.1	19	60
1792	557532	5535274	7.4	39.6	0.1	1.2	1	5	34	31	15860	1.1	25	9	0.5	0.6	1.4	30	99
1793	550446	5539404	1.4	90.0	<0.05	3.5	<1	4	5	8	2440	3.4	8	2	<0.3	0.7	1.1	4	85
1794	550225	5539816	1.6	88.5	<0.05	2.3	<1	3	5	15	1640	7.1	11	<2	0.6	0.6	1.5	3	74
1795	549881	5540854	1.7	15.3	0.06	4.4	<1	6	32	22	16160	2.4	24	7	0.4	0.4	1.1	33	57
1796	549785	5541149	1.7	79.4	<0.05	3.8	1	4	6	30	3730	12.2	18	<2	0.5	0.4	1.3	8	84
1797	548532	5542485	1.2	83.2	0.06	2.9	<1	7	7	15	2550	3.8	9	<2	<0.3	<0.3	<0.6	7	81
1798	548880	5543002	1.3	84.0	0.05	2.3	<1	3	8	24	2660	4.3	12	<2	0.7	<0.3	1.1	7	68
1799	548402	5543818	1.3	88.6	<0.05	3.8	Inf	3	6	16	2260	4.6	9	<2	Inf	Inf	Inf	7	82
1800	548566	5544808	0.6	65.5	0.06	3.4	1	<2	16	31	9830	6.6	17	3	0.6	0.6	1.5	19	130
1801	549286	5547192	0.6	80.4	0.05	2.8	<1	4	9	12	3890	2.6	7	3	0.6	0.5	1.4	9	89
1802	548588	5547897	0.8	60.8	<0.05	5.5	<1	<2	17	17	9730	2.3	15	3	0.4	0.6	1.3	16	106
1803	550067	5548608	1.2	61.5	0.05	4.7	1	<2	16	27	11820	4.4	17	3	0.7	0.8	1.7	17	100
1804	549682	5550039	0.9	60.1	0.06	4.1	2	<2	14	16	8340	3	12	3	0.4	0.5	1.2	15	91
1805	550531	5552305	1.1	68.2	0.05	3.3	1	<2	11	18	7260	3.6	11	3	0.4	0.5	1.2	11	101
1806	549021	5551771	1.1	84.5	0.06	3.7	<1	3	7	17	2680	2.8	8	<2	0.7	<0.3	1.2	8	92
1807	548325	5551513	1.1	86.3	0.07	2.7	<1	3	7	20	2030	4.6	22	<2	1.2	0.6	2.1	7	96
1808	547744	5550901	1.3	90.9	<0.05	3.8	<1	<2	5	9	1640	3.4	7	<2	<0.3	<0.3	<0.6	5	153
1809	547129	5551686	1.3	90.4	<0.05	13.1	Inf	<2	3	5	3500	2.5	6	<2	Inf	Inf	Inf	2	82
1810	547677	5552202	1	87.2	0.07	3.5	Inf	3	7	9	2020	2.5	8	<2	Inf	Inf	Inf	6	90
1811	546746	5552799	1.6	87.4	<0.05	4.9	<1	4	5	13	2440	4.2	9	2	<0.3	<0.3	<0.6	4	106
1812	547443	5554057	2.2	78.4	0.05	3.9	1	4	9	25	5810	5.3	14	<2	0.4	0.7	1.4	9	105

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units---------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1813	547169	5553788	1.4	60.2	<0.05	3.4	2	6	14	22	6860	3.2	16	2	0.4	0.6	1.3	14	89
1814	544979	5554411	0.4	15.3	<0.05	2	<1	<2	8	9	6610	1.1	7	3	0.3	<0.3	0.8	8	35
1815	544317	5554234	0.5	42.2	<0.05	5	1	7	25	16	12280	1.5	20	4	0.7	1.1	2.1	22	119
1816	543889	5555456	0.2	10.6	0.06	3.5	<1	5	23	14	13080	0.6	16	5	<0.3	0.4	0.9	25	41
1817	543312	5556853	1.1	85.2	<0.05	2.9	<1	2	9	19	3040	2.3	12	<2	<0.3	0.6	1.0	6	100
1818	541120	5559981	1.6	89.4	0.07	2.7	<1	<2	8	21	2240	3	11	<2	<0.3	<0.3	<0.6	6	68
1819	541104	5560666	1.8	83.0	<0.05	1.5	<1	<2	9	27	2370	1.7	17	<2	0.9	0.6	1.8	5	73
1820	540512	5560912	1.1	86.2	<0.05	2.6	Inf	2	8	50	4710	3.1	24	<2	Inf	Inf	Inf	5	80
1822	541475	5565196	1	85.6	0.06	3.1	<1	6	7	24	3230	4	9	<2	<0.3	<0.3	<0.6	6	100
1823	540367	5571768	1.7	30.0	0.06	1.3	<1	8	29	18	13700	0.5	18	6	<0.3	0.5	1.0	23	67
1824	540478	5571955	3.1	28.1	0.09	2.4	<1	4	39	23	19320	0.7	25	8	0.6	0.7	1.6	30	96
1825	539309	5574684	1.2	64.0	0.06	2.8	<1	<2	16	15	6410	3.2	11	2	<0.3	<0.3	<0.6	17	89
1826	538466	5575445	3.3	69.7	0.11	3.3	<1	3	21	46	7070	3.6	15	3	1.1	0.8	2.2	30	97
1827	538132	5575460	12	59.6	0.1	7.5	<1	9	26	33	18110	7.7	14	8	0.3	0.6	1.2	29	113
1828	537997	5576229	1.4	55.6	0.05	2.9	Inf	4	16	13	8440	2.1	11	5	Inf	Inf	Inf	16	54
1829	536884	5577636	1.5	79.0	0.07	3.5	1	4	10	16	3200	2.5	9	<2	<0.3	<0.3	<0.6	10	71
1830	536365	5579869	1.5	54.2	<0.05	4.9	<1	6	21	19	12370	3.9	17	4	0.3	<0.3	0.8	20	54
1831	535852	5580558	2	47.5	0.06	4	<1	5	28	23	13110	2.7	19	6	0.4	0.4	1.1	23	63
1832	534648	5582768	1.8	82.1	0.1	3.9	<1	<2	9	21	4940	3.8	11	<2	0.5	0.7	1.5	12	155
1833	534568	5583643	1.6	78.3	0.05	3.1	Inf	2	13	19	6660	2.8	12	3	Inf	Inf	Inf	12	72
1834	536440	5584761	5.3	61.3	0.09	7.2	1	<2	20	26	9460	2	16	16	0.4	0.5	1.2	19	99
1835	536227	5585389	2	76.6	0.07	3.9	Inf	3	18	28	8930	3.1	16	3	Inf	Inf	Inf	17	105
1836	536238	5585263	2.8	19.6	0.06	4.4	<1	<2	34	15	13130	2.1	21	5	0.4	0.4	1.1	23	56
1837	534002	5584692	0.4	59.6	0.06	3.1	<1	<2	18	20	9570	8.4	15	3	0.3	0.6	1.3	19	72
1838	533361	5584681	1.4	82.8	0.06	3.9	<1	2	7	11	3020	3.2	9	3	<0.3	<0.3	<0.6	6	81
1839	533264	5585868	1.5	76.8	0.06	4	<1	<2	10	15	3380	3.2	11	<2	<0.3	<0.3	<0.6	11	60
1840	533630	5587405	0.9	81.4	0.05	4.3	<1	6	6	8	3440	2.2	6	<2	<0.3	<0.3	<0.6	8	76
1841	534656	5586978	1.4	85.1	0.05	4.6	<1	3	9	17	4360	5.2	11	<2	<0.3	0.5	1.0	7	103
1842	534906	5587547	1.4	55.6	<0.05	5.3	<1	8	8	30	11520	4.9	11	2	0.3	0.4	1.1	10	91
1843	534190	5589090	2	88.7	<0.05	3.3	Inf	5	4	8	1460	2.4	8	<2	Inf	Inf	Inf	2	91
1844	533340	5590373	2	39.5	<0.05	5.6	<1	6	5	9	9270	4.8	5	<2	<0.3	0.3	0.8	6	67
1845	534149	5590186	7.7	62.2	0.07	3.5	Inf	<2	23	23	10190	1.5	18	<2	Inf	Inf	Inf	19	96
1846	534998	5591149	8.6	33.3	0.12	6.1	<1	4	26	28	11650	1.2	19	21	<0.3	<0.3	<0.6	27	148
1847	534092	5591879	1.8	75.6	<0.05	2.2	Inf	<2	8	13	2550	3.2	12	<2	Inf	Inf	Inf	6	55
1848	533151	5591872	1.4	82.[illegible]	0.05	3.2	<1	5	7	18	3940	4.4	12	<2	<0.3	0.4	0.9	7	64
1849	532652	5591453	2.3	67.6	0.05	2.7	<1	<2	16	17	6300	3.7	12	<2	<0.3	<0.3	<0.6	13	60
1850	532615	5592273	2.3	71.7	0.06	3	Inf	5	13	20	6170	3.8	13	<2	Inf	Inf	Inf	12	65
1851	534250	5593082	1.2	73.0	0.06	1.7	<1	4	13	20	3580	2.2	13	<2	<0.3	<0.3	<0.6	10	60
1852	538647	5590836	1.4	63.8	0.07	3	2	2	22	21	9930	1.1	17	<2	<0.3	0.7	1.1	22	80
1853	537734	5590359	2.9	32.7	0.06	3.9	<1	<2	23	27	10460	1.7	20	2	<0.3	0.7	1.2	24	81
1854	538170	5589780	3.2	56.4	0.05	4	<1	<2	15	28	8000	2.4	12	<2	<0.3	0.5	0.9	23	70
1855	537412	5588816	1.4	83.6	0.09	3	<1	3	8	18	3610	2.6	8	<2	<0.3	<0.3	<0.6	12	100
1856	537009	5588642	1.4	80.7	0.06	2.9	<1	2	6	16	2490	2.8	7	<2	<0.3	<0.3	<0.6	7	87
1857	538418	5588060	1.1	85.5	0.05	7.8	<1	<2	10	13	7790	3.2	10	<2	0.3	0.5	1.1	7	91
1858	538776	5588007	1.3	81.3	0.08	4.4	<1	<2	8	13	3850	3.6	9	<2	<0.3	0.5	0.9	9	86
1859	541621	5588208	1.3	64.2	0.08	5.4	1	4	19	28	13470	4.9	17	3	0.5	0.6	1.4	24	106
1860	542250	5588062	1	74.5	0.08	4.8	1	7	12	21	6250	3.6	13	6	0.4	0.5	1.2	13	134
1861	543267	5587713	3.8	10.5	<0.05	1.3	<1	4	21	6	12470	0.3	12	3	<0.3	<0.3	<0.6	21	44
1862	544168	5587565	1.4	85.9	0.09	3.9	<1	7	8	36	1930	5.4	15	<2	<0.3	0.8	1.3	9	87
1863	542880	5586875	3.4	14.2	<0.05	3.4	<1	3	9	18	7610	1.6	9	3	0.4	0.3	1.0	12	33
1864	540337	5587683	5.8	17.2	0.09	2.8	<1	4	39	14	20380	0.5	22	11	<0.3	0.4	0.8	34	109
1865	538849	5586294	2.4	43.0	0.06	2	<1	4	29	16	15560	0.8	19	6	<0.3	0.5	1.0	33	86
1866	536672	5586176	2.2	73.9	0.07	2.9	Inf	6	16	23	8880	3.3	14	<2	Inf	Inf	Inf	15	93
1867	537324	5584072	1.3	8.9	0.07	3.3	1	3	36	20	19310	0.4	24	9	0.4	0.5	1.2	39	56
1868	536766	5582783	1.6	28.6	0.06	1.1	<1	<2	25	12	13830	0.5	16	4	<0.3	0.7	1.2	23	66
1869	538610	5582378	6.2	5.7	0.06	4.8	<1	<2	31	19	20820	0.6	23	9	0.4	0.5	1.1	34	55
1870	538739	5582938	4.5	20.8	0.1	3.7	1	4	45	18	31700	0.6	27	11	0.5	0.8	1.6	46	103
1871	540428	5584275	4	5.3	<0.05	1.9	<1	2	16	5	9820	<0.2	9	3	<0.3	<0.3	<0.6	17	29
1872	542152	5582804	1.3	87.2	<0.05	3	Inf	<2	5	7	2620	1.6	6	<2	Inf	Inf	Inf	5	94
1873	542450	5582687	1.6	91.3	<0.05	2.4	Inf	6	4	6	2840	1	4	<2	Inf	Inf	Inf	3	88
1874	542634	5582138	1.3	81.5	0.05	4.3	<1	4	11	14	6980	2.1	7	2	<0.3	0.7	1.2	15	67
1875	541643	5580951	1.8	61.5	0.05	2.2	<1	3	15	15	6110	2.1	9	3	<0.3	<0.3	<0.6	16	53
1876	540410	5581097	1.9	85.7	<0.05	3.2	<1	<2	5	9	3820	1.8	6	<2	<0.3	<0.3	<0.6	4	90
1877	540640	5580380	3.4	53.6	<0.05	2.7	<1	7	21	15	8170	1.6	14	5	<0.3	<0.3	<0.6	22	52
1878	541286	5578721	0.5	81.1	<0.05	4.1	3	<2	4	5	4050	0.9	3	<2	0.4	0.4	1.0	4	18
1879	541445	5578165	3.6	48.6	<0.05	5.6	<1	4	6	8	6160	2.6	5	12	<0.3	0.5	1.0	6	36
1880	539534	5578341	3.6	29.2	<0.05	1.7	<1	4	12	6	5820	1.3	7	2	<0.3	<0.3	<0.6	13	46
1881	540523	5575870	4	30.3	0.12	5.4	2	4	41	28	22620	1.3	29	17	0.6	0.7	1.6	38	97
1882	540805	5573633	2.7	5.4	0.06	3	<1	4	28	14	15990	0.4	18	6	0.4	0.5	1.1	27	45
1883	541538	5573484	3	71.5	0.06	5.7	<1	3	16	25	51560	2.6	22	5	0.7	0.4	1.4	22	204
1884	540878	5571877	3.1	28.1	0.09	3	<1	5	41	21	18950	0.8	24	6	0.5	3.7	1.4	29	94
1885	541854	5570714	3.1	81.4	0.05	2.6	Inf	4	5	40	2980	2.3	9	<2	Inf	Inf	Inf	5	54
1886	544000	5569282	2.3	35.0	<0.05	1.6	1	4	16	15	7850	1.2	12	6	<0.3	0.4	0.8	15	61
1887	544196	5572086	5.8	10.2	<0.05	3.7	<1	<2	20	11	13180	0.4	13	5	<0.3	0.3	0.8	21	43
1888	545481	5573126	1	60.5	0.06	5.1	1	7	20	25	10310	1.9	21	4	0.4	0.6	1.3	18	76
1889	543736	5575595	16.3	27.4	0.1	6.6	1	7	38	24	20940	1.2	28	20	0.5	0.8	1.6	36	91
1890	546703	5576312	1.5	45.5	0.09	3	<1	2	30	19	12540	1.5	20	7	0.4	<0.3	0.8	23	106
1891	546797	5578354	4.7	20.1	0.07	5.2	<1	3	34	16	18100	0.8	21	10	0.4	0.3	1.0	31	61

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method———>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit—>			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units———>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1892	545124	5578926	5.9	11.2	<0.05	3.2	<1	4	31	11	20920	0.5	17	6	<0.3	0.4	0.8	28	63
1893	544542	5579260	1.4	29.1	<0.05	3.1	<1	4	6	5	6500	1.3	4	4	<0.3	<0.3	<0.6	7	23
1894	543877	5578558	3.4	44.2	<0.05	4.3	<1	5	8	8	63100	2.8	5	4	0.5	0.6	1.4	13	38
1895	542377	5578816	5	45.2	0.05	5.9	<1	5	12	12	13290	2.8	9	9	0.4	0.5	1.3	14	39
1896	542763	5579370	1.6	81.6	0.07	2.2	4	5	13	12	4930	1.3	10	3	<0.3	<0.3	<0.6	21	43
1897	542641	5579938	2.5	77.4	0.08	1.7	Inf	7	15	15	6100	1.5	9	2	Inf	Inf	Inf	18	109
1898	542146	5579769	6.8	17.5	<0.05	3.2	<1	<2	5	7	5760	1.7	3	3	0.7	0.4	1.3	5	17
1899	542197	5580165	4.8	20.3	<0.05	4.3	<1	2	9	7	11060	1.5	6	3	0.5	0.5	1.3	9	22
1901	543401	5580965	3.1	6.1	<0.05	0.6	<1	<2	2	3	1100	2	2	<2	0.4	<0.3	0.9	3	9
1902	544142	5581705	7.8	54.7	0.07	5.9	<1	7	24	12	7360	5.4	12	9	0.8	0.9	1.9	17	52
1903	544318	5581624	14.4	48.5	0.11	5	1	7	26	18	12230	4	16	24	0.7	0.8	1.7	26	78
1904	544843	5582300	3	45.9	<0.05	3.3	<1	5	6	6	3020	3.4	3	<2	0.6	0.4	1.3	7	29
1905	544951	5582731	2.2	6.6	<0.05	0.8	<1	<2	2	2	1270	0.7	1	<2	0.3	<0.3	0.8	2	5
1906	544904	5583207	0.5	80.0	0.08	4.7	<1	<2	10	13	4240	2.5	9	3	<0.3	0.4	0.8	10	104
1907	544366	5582900	1.2	63.0	0.06	4.1	<1	<2	13	11	5400	2.4	11	<2	<0.3	0.3	0.8	13	105
1908	544031	5584464	1.4	75.3	0.07	5.2	<1	2	12	29	6890	3.3	13	2	<0.3	0.5	0.9	17	75
1909	543721	5586092	0.6	69.5	<0.05	3.6	1	6	8	13	3800	4.4	11	2	0.6	0.6	1.5	5	89
1910	546656	5585872	7.5	79.5	0.1	7.4	<1	<2	16	52	17590	6.3	19	4	<0.3	<0.3	<0.6	32	127
1911	548184	5585963	2	17.1	<0.05	3.4	<1	<2	5	9	4610	1.3	5	<2	0.5	0.4	1.2	6	19
1912	546722	5584954	1.7	49.3	0.1	2.9	<1	6	16	17	4920	1.6	9	4	0.4	0.6	1.3	21	60
1913	547188	5584495	2.4	20.7	0.08	2.5	<1	3	22	20	10700	1.3	12	6	0.7	0.5	1.5	16	46
1914	546366	5583883	4.5	45.7	0.09	7.1	<1	<2	33	33	63680	2.8	11	10	1.1	0.9	2.3	34	79
1915	546266	5582910	0.6	79.5	0.06	4.2	<1	<2	8	9	4760	1.4	6	3	<0.3	<0.3	<0.6	12	74
1916	546879	5582288	1.2	23.4	<0.05	2	<1	3	3	4	2950	2.1	4	<2	0.4	<0.3	0.8	3	29
1917	546305	5580252	1.1	81.3	0.05	4.5	<1	3	5	13	4120	5.6	12	<2	<0.3	<0.3	<0.6	5	85
1918	547004	5581638	2.5	82.4	0.05	3.4	Inf	2	7	12	4340	3.2	9	3	Inf	Inf	Inf	7	116
1919	548285	5583131	1.6	69.5	0.06	5.4	<1	4	13	15	7880	2.5	11	<2	<0.3	0.8	1.2	15	113
1920	548233	5584019	0.8	79.9	0.07	2.8	<1	3	8	17	3950	3.8	11	<2	0.3	<0.3	0.8	10	104
1921	550287	5584157	1.2	76.9	0.06	3	<1	<2	9	24	6430	4.7	14	2	0.4	0.6	1.3	12	94
1922	551883	5583178	1.2	43.4	0.07	2.3	<1	3	27	18	18030	1.1	17	6	0.4	0.7	1.4	23	84
1923	551725	5582853	1	34.2	0.07	3	1	5	26	12	11420	1	15	5	0.3	0.8	1.4	21	69
1924	550747	5580744	2.3	81.7	0.09	1.3	<1	4	11	10	3580	1.2	8	4	<0.3	<0.3	<0.6	12	69
1925	553574	5581521	0.8	14.0	0.06	2.6	<1	<2	16	10	9400	0.8	11	4	<0.3	<0.3	<0.6	16	29
1926	554143	5580339	2	67.2	0.11	3.2	1	<2	11	75	3730	5.1	25	3	0.4	0.9	1.6	12	76
1927	554039	5578671	0.8	68.6	0.09	4.8	<1	3	17	53	8460	3.3	20	<2	0.6	0.7	1.5	18	136
1928	555114	5577983	1.2	18.2	<0.05	2.2	<1	3	3	14	3980	1.7	7	<2	<0.3	<0.3	<0.6	6	32
1929	553274	5577514	1	85.0	0.08	3.7	Inf	<2	8	29	1770	3.9	16	2	Inf	Inf	Inf	6	80
1930	552775	5576861	0.7	75.6	0.07	7.6	<1	5	15	25	6940	4.6	16	<2	<0.3	0.6	1.0	17	154
1931	549893	5579255	2.4	21.6	<0.05	3.4	<1	3	9	13	4990	2.9	13	2	<0.3	0.4	0.8	8	30
1932	548692	5579263	9.3	26.5	0.11	3.3	<1	<2	30	23	14760	1.7	22	7	<0.3	0.4	0.9	29	61
1933	550986	5577663	1.2	86.8	<0.05	3.8	<1	3	5	19	4900	6	9	5	0.4	0.6	1.3	8	19
1934	549719	5576792	2.3	41.6	0.07	1.7	<1	3	21	18	7940	2.2	19	3	<0.3	0.5	0.9	13	67
1935	550116	5575721	0.8	78.4	0.09	3.1	<1	2	8	23	5120	6.6	12	3	<0.3	0.5	0.9	9	107
1936	550260	5574676	1.6	87.5	0.1	2.4	<1	2	5	21	1520	5.1	11	<2	<0.3	<0.3	<0.6	4	92
1937	549333	5575490	1.8	77.8	0.12	3	<1	<2	9	23	4790	8	13	2	<0.3	0.5	0.9	9	94
1938	548050	5575491	2	84.8	0.05	1.9	Inf	4	5	24	2420	5.6	11	<2	Inf	Inf	Inf	4	60
1939	547772	5574236	3.9	20.9	0.1	3.2	1	4	30	15	18580	1	19	7	<0.3	0.4	0.9	29	88
1940	547022	5573709	7.6	25.5	0.12	2.8	<1	4	33	17	20710	0.9	21	8	<0.3	0.4	0.8	33	109
1941	547665	5572490	1.6	83.7	0.06	4.9	<1	3	7	17	2940	4.4	11	4	<0.3	1.5	2.0	6	111
1942	548617	5572850	1.5	85.0	0.08	4	<1	<2	7	22	3490	5.7	12	3	<0.3	0.5	1.0	7	112
1943	549117	5572108	0.7	79.8	0.08	3	<1	3	8	20	3890	3.8	8	2	<0.3	<0.3	<0.6	10	73
1944	548458	5571691	0.7	76.9	0.1	2.6	<1	5	9	21	4170	4	9	2	<0.3	0.6	1.0	11	80
1945	547573	5571909	1.5	83.8	0.07	3.2	<1	<2	13	19	4520	4.4	12	<2	<0.3	<0.3	<0.6	6	98
1946	546470	5571965	1.3	86.9	0.07	5.2	Inf	4	9	8	2280	3.7	7	<2	Inf	Inf	Inf	5	102
1947	545714	5571350	1.3	87.0	0.08	3.2	<1	<2	9	17	2850	5.4	8	<2	<0.3	<0.3	<0.6	6	107
1948	546656	5571252	0.8	84.6	0.07	5.5	<1	2	11	14	4250	5	7	3	<0.3	<0.3	<0.6	9	74
1949	546863	5569759	1.1	87.8	0.09	4.1	<1	<2	8	13	2390	5.9	8	2	<0.3	<0.3	<0.6	6	100
1950	545241	5569334	0.8	26.3	0.05	2	<1	3	5	26	2040	2.3	5	<2	0.4	<0.3	0.9	5	31
1951	543437	5566246	1.2	78.4	0.07	4	<1	2	15	31	4460	6.1	20	<2	<0.3	0.4	0.8	8	94
1952	538867	5562584	6.2	44.4	0.09	4.9	<1	4	23	17	12410	2.1	12	9	<0.3	0.6	1.0	25	59
1953	539505	5561072	1.2	85.3	0.07	2.5	<1	7	11	22	2030	3.4	17	3	<0.3	0.7	1.2	4	84
1954	542009	5556946	1.9	85.5	0.07	2.8	<1	4	12	30	2200	3.6	18	<2	<0.3	<0.3	<0.6	4	78
1955	541832	5556113	1.8	30.0	0.08	3.3	<1	4	37	30	11770	1.8	25	4	<0.3	0.5	0.9	22	63
1956	542644	5555647	3.3	34.9	0.1	2.6	<1	4	33	26	10590	0.9	25	4	0.4	0.6	1.3	22	96
1957	542918	5552530	5.2	6.9	<0.05	2.1	<1	5	12	15	2420	1	4	2	0.5	0.4	1.2	5	10
1958	543619	5551829	1.6	70.2	0.09	2.7	<1	6	14	20	2680	4.5	15	3	0.3	0.6	1.2	6	75
1959	543921	5550860	1.2	77.9	0.12	3.5	<1	<2	12	61	2510	4.9	19	3	1.3	0.7	2.4	9	80
1960	543440	5550636	1.5	79.9	0.09	3.8	<1	5	13	27	2390	5	11	<2	0.4	<0.3	0.9	7	120
1961	543992	5550114	1.3	83.6	0.07	4.7	<1	9	15	32	5410	4.9	17	<2	0.9	0.7	1.8	8	99
1962	548777	5549973	3	64.3	0.09	9.4	<1	6	36	22	21150	2	18	3	0.4	0.5	1.2	40	154
1963	547887	5548892	1.1	68.3	0.09	5.5	<1	2	18	22	7830	4.9	16	2	0.4	<0.3	0.9	12	80
1964	547009	5547213	5.9	28.8	0.12	3.7	1	3	42	16	21620	0.9	24	6	0.4	0.8	1.5	33	148
1965	546679	5546544	4.6	28.6	0.13	6.2	1	2	49	19	26740	0.9	28	7	0.4	0.8	1.5	38	163
1966	546741	5544561	1.7	64.9	0.09	4.6	<1	9	30	13	9330	1.8	17	5	<0.3	0.4	0.9	16	110
1967	545556	5543921	0.4	46.3	0.07	4.3	1	4	31	11	10530	1	15	12	<0.3	0.7	1.2	18	83
1968	547388	5543501	1	71.4	0.09	6.1	1	5	22	39	11520	8.9	20	5	0.6	0.6	1.5	19	142
1969	548092	5541193	1.7	78.4	0.07	2.3	Inf	7	16	19	3180	6	10	<2	Inf	Inf	Inf	8	58
1970	549589	5539379	1.8	81.2	0.1	6.4	1	<2	12	30	6670	15.7	18	3	0.8	0.8	1.8	13	116

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
1971	549041	5539233	1.4	87.1	0.06	3.7	<1	4	8	20	1590	11.6	15	<2	<0.3	<0.3	<0.6	6	101
1972	548231	5539110	1.1	88.5	0.06	3.3	<1	6	8	17	2320	4.4	13	<2	<0.3	0.7	1.1	4	69
1973	549058	5538258	1.2	29.3	0.08	4.5	<1	8	45	25	24810	0.7	33	11	0.3	0.5	1.1	42	82
1974	558626	5533208	0.8	64.3	0.06	3.1	<1	3	11	43	2900	1.2	26	4	0.5	0.6	1.4	5	56
1975	557630	5532808	8.5	44.6	0.13	4.3	2	3	35	98	14470	1.3	36	8	0.5	0.6	1.5	31	84
1976	557476	5531229	1.8	86.1	0.05	4.3	<1	6	10	29	2600	3.4	17	3	0.5	0.9	1.7	5	107
1977	557345	5530699	4	35.3	0.09	4.4	1	5	46	30	30370	1.4	24	6	0.7	0.7	1.7	31	92
1978	556619	5530643	7.5	12.1	0.09	3.9	<1	<2	36	24	21740	0.9	23	6	0.5	0.4	1.3	34	64
1979	556649	5529498	3.7	83.7	0.09	1.7	Inf	6	24	17	3840	0.9	10	2	Inf	Inf	Inf	16	103
1980	556098	5529357	3.2	76.2	0.13	2.1	<1	3	32	28	5230	1.6	14	5	<0.3	<0.3	<0.6	27	121
1981	556870	5528705	1.6	82.8	0.11	1.9	<1	5	23	20	3460	1.4	12	4	<0.3	<0.3	<0.6	16	165
1982	556250	5527703	1.2	83.5	0.07	2.2	<1	3	16	13	2460	1.6	8	6	0.3	<0.3	0.8	9	130
1983	556066	5527142	1.3	75.8	0.06	4.1	<1	5	22	17	5710	2.2	12	<2	0.5	0.6	1.4	13	110
1984	555949	5526614	2.9	78.9	0.07	3.5	<1	<2	22	20	4630	3.4	10	4	<0.3	<0.3	<0.6	15	155
1985	555153	5526227	4.3	12.3	<0.05	1.5	<1	4	5	3	2610	2	2	4	0.5	<0.3	0.9	2	9
1986	554455	5526059	6.7	10.4	<0.05	0.9	<1	7	7	5	4150	0.5	5	4	0.3	<0.3	0.8	6	12
1987	554293	5525789	9.5	27.5	<0.05	4.9	<1	7	18	16	9860	3.5	10	7	1.0	0.4	1.7	13	34
1988	554175	5526628	3.5	72.7	0.08	1.5	Inf	3	34	14	5750	2.6	11	4	Inf	Inf	Inf	16	61
1989	553576	5525822	1.9	67.7	0.09	4.4	1	2	33	31	7200	5.2	12	6	1.2	0.6	2.1	37	120
1990	553923	5525525	10.9	62.9	0.06	3.6	<1	8	35	28	18210	12.8	11	4	1.1	0.9	2.3	16	103
1991	553931	5525177	2.7	57.7	0.06	2.5	<1	8	17	14	3740	2.6	7	4	0.7	0.4	1.4	14	58
1992	553494	5524880	2.1	66.1	0.12	2.5	<1	3	57	24	5570	1.9	18	5	<0.3	<0.3	<0.6	29	121
1993	553089	5523889	2	65.7	0.05	21.8	<1	3	19	14	79670	2.1	7	<2	0.6	0.5	1.4	22	76
1994	550940	5522946	11	8.8	<0.05	0.9	<1	4	14	5	8160	2.4	6	5	<0.3	0.3	0.8	11	17
1995	550561	5522898	5.6	11.2	<0.05	2.9	2	11	17	7	11810	0.7	9	4	<0.3	<0.3	<0.6	14	21
1996	550311	5522397	2.2	7.8	<0.05	1.9	<1	<2	7	3	1060	1.5	2	3	0.3	<0.3	0.8	4	5
1997	550541	5522068	3.6	7.7	<0.05	3.1	<1	<2	6	4	2600	1.7	2	2	<0.3	<0.3	<0.6	4	6
1999	550557	5519085	0.7	54.9	0.09	2.7	<1	3	37	24	5150	2.7	12	4	1.1	0.7	2.1	19	135
2000	550436	5518369	1.7	25.3	<0.05	2	<1	<2	3	7	1150	0.9	3	<2	0.6	<0.3	1.1	5	19
2001	550603	5517784	2.9	72.3	0.12	9	<1	<2	30	29	13150	6.8	15	7	1.5	0.9	2.7	38	139
2002	551037	5517632	3.7	16.3	<0.05	1.4	<1	<2	5	9	2080	2	4	<2	0.5	<0.3	1.0	9	24
2003	550293	5517189	2.5	65.1	0.08	3.4	<1	8	38	29	5490	2.7	14	6	0.7	0.5	1.6	29	116
2004	549893	5517235	8.3	23.5	<0.05	2.4	<1	4	29	12	1670	3.1	28	7	<0.3	<0.3	<0.6	7	29
2005	544911	5515072	1.2	10.1	<0.05	6.6	<1	<2	4	3	3640	1.5	3	2	<0.3	<0.3	<0.6	7	12
2006	544626	5515176	0.7	43.5	0.08	9.3	<1	6	22	12	16950	3.6	9	3	0.3	<0.3	0.8	57	55
2007	544227	5514953	5.1	26.0	0.1	22.4	<1	3	31	10	92620	0.8	9	<2	0.6	0.4	1.3	65	88
2008	539462	5514265	8.4	74.6	0.07	2.4	<1	4	20	23	9520	1.5	13	4	0.4	0.4	1.1	12	47
2009	538711	5514105	1.5	81.9	0.1	2.5	<1	2	19	32	5040	3.1	19	<2	0.3	0.4	1.1	7	80
2010	540244	5515437	1.7	78.5	0.07	5.1	<1	9	13	24	4190	3.4	25	2	0.3	0.3	1.0	6	109
2011	544832	5516287	1.7	85.2	0.07	9.9	<1	3	16	8	16090	1.8	8	3	<0.3	<0.3	<0.6	18	219
2012	545670	5517373	1.3	90.0	0.06	2	Inf	2	12	9	1780	1.6	5	3	Inf	Inf	Inf	7	87
2013	545796	5518682	6.9	79.2	0.12	36.3	<1	6	39	33	17980	5.5	18	3	1.7	1.2	3.2	112	514
2014	546116	5518255	1.8	30.7	0.05	1.2	<1	2	56	6	5660	0.7	9	5	<0.3	<0.3	<0.6	13	35
2015	546767	5517782	8.3	57.1	<0.05	10.6	<1	8	11	9	8060	3.8	4	6	0.7	0.3	1.3	9	50
2016	548744	5518242	0.2	32.9	0.06	1.1	<1	3	33	6	4790	0.4	7	3	<0.3	<0.3	<0.6	10	16
2017	548931	5520403	2.5	10.4	<0.05	2.1	7	3	3	4	715	0.4	2	<2	0.3	<0.3	0.8	3	7
2018	550213	5525018	1.2	55.0	0.09	2	<1	<2	40	14	5190	1.3	13	5	<0.3	<0.3	<0.6	20	65
2019	551518	5524956	19	29.6	0.11	5.7	<1	5	30	24	14640	1.4	20	10	<0.3	<0.3	<0.6	35	84
2020	552009	5525573	16.3	23.0	0.06	4.9	<1	3	15	12	9620	2.7	7	7	0.8	0.4	1.5	17	28
2021	552220	5526054	6.3	24.3	<0.05	3.1	<1	3	9	7	4290	2	4	5	0.3	0.3	1.0	5	16
2022	551999	5526542	7	14.4	<0.05	3.9	<1	7	9	5	3120	1.8	5	14	<0.3	<0.3	<0.6	6	27
2023	552007	5527057	17.7	9.5	<0.05	4.9	<1	3	6	5	3650	1.2	4	3	<0.3	<0.3	<0.6	4	13
2024	552922	5528186	5.2	44.7	0.09	3.8	<1	<2	53	14	5920	8.7	10	9	0.5	0.4	1.1	18	75
2025	554707	5529051	8	18.2	0.06	3.8	<1	<2	21	30	10530	3.6	12	4	0.8	0.4	1.5	14	38
2026	554714	5530157	8	25.8	0.11	7.1	<1	3	50	38	39570	1.4	38	9	1.5	0.7	2.5	45	103
2027	554977	5530863	1.6	79.8	0.08	1.3	Inf	4	15	39	5650	5.1	13	2	Inf	Inf	Inf	9	62
2028	555541	5529924	3.2	32.4	0.12	7.8	<1	6	72	48	19720	4.6	28	5	1.8	1.0	3.1	31	83
2029	555509	5530792	2	21.4	0.1	3.3	<1	4	31	31	14230	1.2	18	7	0.7	0.5	1.5	29	58
2030	554943	5531207	3.2	75.5	0.14	2.9	<1	4	23	67	9280	4.2	26	6	1.9	0.6	2.7	16	128
2031	555721	5531554	3.1	75.9	0.16	3.5	1	6	27	90	8050	3.2	52	4	1.8	0.8	2.9	24	96
2032	548761	5535933	2	43.7	0.09	6.8	<1	4	30	13	18540	0.7	16	15	<0.3	0.5	0.9	23	115
2033	547745	5537436	1.3	81.4	0.09	3.2	<1	4	10	23	2960	6.5	13	3	0.3	0.4	1.0	9	89
2034	545501	5538393	1.4	61.0	0.07	4	<1	8	28	22	8200	3	18	6	<0.3	0.4	0.9	15	76
2035	543944	5538108	5.3	12.9	0.08	4	<1	2	36	10	24790	0.4	19	7	0.3	0.4	1.0	33	95
2036	543042	5538891	5.5	7.5	0.08	2.7	2	4	33	15	23720	0.4	20	6	0.3	0.3	0.9	32	64
2037	541633	5539027	6.4	14.2	0.08	4.6	<1	2	37	12	30880	0.4	20	12	<0.3	0.4	0.9	37	112
2038	543671	5540160	3	86.7	0.05	3.4	<1	4	11	17	3070	4.5	13	3	<0.3	<0.3	<0.6	5	86
2039	545716	5541007	4.1	21.5	0.12	2.4	<1	4	43	20	18120	0.8	25	7	<0.3	0.5	0.9	32	91
2040	544730	5540788	1	78.6	0.07	1.9	Inf	<2	17	17	3330	2.5	10	5	Inf	Inf	Inf	9	59
2041	544033	5540944	1.1	79.0	0.07	1.5	Inf	3	16	19	3670	2.2	11	4	Inf	Inf	Inf	10	69
2042	543228	5540399	1.4	79.4	0.06	2	<1	4	12	16	2460	1.9	11	4	<0.3	<0.3	<0.6	6	81
2043	544095	5542327	1.4	48.1	0.07	4.4	<1	<2	29	15	10900	1.7	18	7	<0.3	0.4	0.8	21	80
2044	542037	5541521	2	51.7	0.09	4.2	<1	2	45	26	14010	3.3	29	7	0.4	<0.3	0.9	27	120
2045	541742	5542321	2	12.3	0.08	1.9	<1	2	32	10	15930	0.4	16	6	0.3	<0.3	0.8	26	67
2046	541540	5543726	1.2	46.0	0.09	3.3	<1	5	38	19	13590	1.4	21	5	<0.3	<0.3	<0.6	24	82
2047	542549	5543863	0.2	50.5	0.08	3.7	<1	<2	30	17	11430	1.1	16	9	0.3	<0.3	0.8	21	84
2048	543337	5544848	1.6	88.3	<0.05	2.7	<1	3	15	13	5100	1.9	10	2	<0.3	<0.3	<0.6	4	75
2049	543547	5543833	1.6	60.8	0.08	4.2	<1	5	27	23	10680	1.6	19	8	0.3	<0.3	0.8	18	78

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method----------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
2050	544167	5543796	1.8	54.1	0.09	4.5	<1	5	36	21	12230	1.4	21	7	0.5	<0.3	1.0	23	83
2051	544639	5544637	2	46.7	0.1	3.9	<1	7	42	22	15170	1.4	23	8	0.5	<0.3	1.0	29	109
2052	544763	5545534	1.4	83.1	0.07	2.6	Inf	8	16	36	3320	5.6	17	3	Inf	Inf	Inf	6	88
2053	545632	5545920	6.4	33.3	0.14	4.4	<1	7	54	23	30410	0.8	31	13	0.4	<0.3	0.8	45	217
2054	545820	5547007	5.2	31.5	0.19	7.5	<1	5	51	17	30240	0.7	27	15	0.4	<0.3	0.9	38	179
2055	544688	5547301	0.7	55.5	0.07	6.5	<1	8	33	22	15530	2.9	22	4	0.9	<0.3	1.4	23	129
2056	544023	5546423	0.7	84.7	0.07	3.2	<1	3	11	12	2740	2.4	8	4	<0.3	<0.3	<0.6	7	93
2057	543361	5547124	0.5	63.5	0.07	6.8	<1	5	28	24	12170	3.8	20	6	0.6	<0.3	1.1	19	134
2058	544410	5548499	1	34.9	0.08	3.2	<1	7	33	14	21160	0.7	17	8	0.4	<0.3	0.9	24	143
2059	543337	5549129	1.3	68.8	0.08	5	<1	6	21	36	8640	5.4	23	4	1.0	<0.3	1.4	12	139
2060	542040	5549497	1.4	61.8	0.07	6.7	<1	5	26	20	10680	4.1	15	3	0.9	<0.3	1.4	14	106
2061	540932	5551313	0.4	50.4	0.06	1.3	<1	3	46	9	6150	1.9	12	5	<0.3	<0.3	<0.6	15	85
2062	540046	5557138	1.2	69.0	0.07	1.9	<1	2	12	52	2490	2.8	20	2	0.7	0.5	1.5	6	65
2063	543744	5565317	7.7	60.3	0.14	2.9	<1	3	36	27	13560	1.3	22	10	<0.3	0.4	0.8	23	126
2064	543939	5564622	3.6	69.1	0.09	6.9	<1	<2	31	41	13020	2.5	14	3	0.9	2.1	3.4	23	81
2065	545044	5564736	1.7	63.5	0.09	6	<1	4	19	41	9240	5.8	15	<2	0.7	0.5	1.4	17	73
2066	544756	5565223	1.1	81.6	0.1	2.3	2	<2	19	22	2850	4.8	13	3	0.3	<0.3	0.8	11	96
2067	545262	5565726	1.6	54.2	0.09	2.6	<1	6	33	19	24270	1.3	18	4	0.3	0.5	1.2	29	98
2068	547148	5566969	7	38.3	0.13	3.4	2	4	42	21	23530	0.9	24	11	<0.3	0.3	0.8	35	124
2069	548244	5568163	1.1	54.4	0.07	3.2	<1	4	27	15	8850	3.2	16	4	<0.3	<0.3	<0.6	13	76
2070	549875	5569299	1	50.7	0.08	3.5	<1	6	33	15	12280	1.2	21	7	<0.3	0.3	0.8	19	80
2071	549714	5567887	0.8	26.4	0.12	3	<1	3	46	17	25720	0.6	27	10	<0.3	0.5	0.9	35	127
2072	548954	5567129	1	40.5	0.08	2.4	<1	8	34	14	14580	0.9	20	6	<0.3	0.4	0.9	22	78
2074	549750	5566392	1.6	49.4	0.1	2.7	<1	4	33	16	13110	1	22	5	<0.3	<0.3	<0.6	19	104
2075	551030	5564560	0.8	51.7	0.08	3.7	<1	4	34	14	10230	0.9	20	5	<0.3	<0.3	<0.6	16	80
2076	551687	5565475	0.2	49.8	0.07	3.6	<1	5	32	21	13270	1.7	20	5	<0.3	<0.3	<0.6	22	78
2077	552085	5566420	4.6	23.3	0.1	4	<1	3	46	17	22890	0.6	26	11	<0.3	0.5	0.9	33	93
2078	553125	5565245	1.6	75.2	0.08	2.3	<1	5	23	18	5260	1.6	13	<2	<0.3	0.3	0.8	16	84
2079	554079	5565774	1.5	89.0	<0.05	3.2	Inf	3	14	7	2650	1.7	6	2	Inf	Inf	Inf	5	88
2080	552632	5566956	4	13.4	0.12	4.9	1	4	38	13	23480	0.5	22	9	<0.3	0.4	0.8	32	74
2081	552480	5569289	3	17.3	0.09	3.2	<1	<2	42	12	20680	0.5	23	9	<0.3	0.3	0.8	30	89
2082	551920	5569645	3.3	19.0	0.11	3.5	2	3	53	15	27280	0.6	29	11	<0.3	0.4	0.8	38	112
2083	550621	5571471	1.4	75.1	0.06	5.2	<1	5	20	26	4760	5.7	16	2	0.4	0.3	1.0	8	94
2084	551392	5572461	1.4	82.9	0.06	4.6	Inf	3	15	15	3680	4.4	10	3	Inf	Inf	Inf	7	128
2085	553308	5572865	1.5	81.2	0.06	3.3	<1	4	17	18	4010	4.2	11	3	<0.3	0.4	0.9	7	85
2086	552858	5574235	2	86.4	0.05	3.5	Inf	2	11	25	5900	5.2	15	<2	Inf	Inf	Inf	5	110
2087	555187	5574573	0.4	65.9	0.09	15.9	<1	<2	23	43	16750	5.9	21	3	0.5	0.7	1.5	26	155
2088	555761	5570446	0.6	41.2	0.06	7	<1	6	22	22	10730	2.7	14	4	0.4	0.7	1.3	18	57
2089	553564	5570371	0.8	39.7	0.1	5	<1	8	43	18	18830	1.1	27	9	<0.3	0.6	1.0	32	95
2090	554657	5568841	2.1	10.6	0.06	4.1	1	<2	27	10	14320	0.4	16	6	<0.3	<0.3	<0.6	23	51
2091	555704	5568714	1.1	63.9	0.08	5.3	<1	<2	33	24	7820	4.6	17	3	0.3	0.5	1.1	15	112
2092	556385	5567613	1.2	64.7	0.06	4.4	<1	9	30	28	8760	3.9	16	3	0.3	<0.3	0.8	12	105
2093	556794	5566225	0.8	71.2	0.08	4.4	<1	3	27	22	9210	3.2	15	3	<0.3	0.3	0.8	18	119
2094	555475	5565087	0.8	71.6	0.09	5.1	<1	6	25	25	8050	4.1	15	3	<0.3	<0.3	<0.6	19	123
2095	558094	5564744	0.5	73.4	0.07	2.8	<1	3	18	12	6600	2.4	10	5	<0.3	<0.3	<0.6	10	100
2096	564761	5566269	0.4	18.4	<0.05	2.1	<1	5	4	9	5950	1.1	7	<2	<0.3	<0.3	<0.6	5	33
2097	567223	5564800	0.8	89.2	<0.05	4.9	Inf	4	8	6	2660	2.8	4	2	Inf	Inf	Inf	4	190
2098	567050	5563855	1.4	86.8	<0.05	5.8	Inf	3	9	9	3480	4.2	7	3	Inf	Inf	Inf	5	161
2099	568948	5564033	1.3	90.0	0.05	4.5	<1	7	11	21	1650	4.3	17	<2	<0.3	<0.3	<0.6	5	105
2100	569786	5565535	0.2	41.8	0.06	4.6	<1	8	33	14	11340	1.6	18	4	<0.3	0.7	1.2	19	100
2101	570890	5565603	0.2	65.5	0.06	4.5	<1	5	26	15	8410	2.4	17	5	<0.3	<0.3	<0.6	14	117
2102	569299	5561823	0.5	74.1	0.06	4.1	<1	<2	22	19	6720	4.2	17	3	<0.3	<0.3	<0.6	11	109
2103	568423	5561324	0.5	43.9	<0.05	4	<1	3	10	16	8900	2.2	12	<2	<0.3	<0.3	<0.6	8	79
2104	568231	5562028	1.4	74.1	<0.05	4.9	<1	7	11	27	7790	3.9	19	<2	<0.3	0.5	0.9	7	132
2105	564500	5562581	0.4	81.9	0.06	4.9	<1	5	8	9	3260	3	7	2	<0.3	0.4	0.9	6	103
2106	557710	5562389	1.2	80.1	0.07	4.8	<1	<2	14	16	4010	2.8	10	3	<0.3	<0.3	<0.6	13	104
2107	557406	5561352	2.1	18.6	0.05	5.9	<1	6	23	17	11420	1.4	14	5	<0.3	<0.3	<0.6	17	51
2108	556473	5561292	4.2	32.7	0.13	3.4	<1	4	47	23	27860	0.8	31	8	<0.3	<0.3	<0.6	42	149
2109	557025	5563235	4.4	69.3	0.09	8.2	2	6	27	29	10860	4.7	16	4	<0.3	<0.3	<0.6	21	118
2110	555590	5562678	1.2	85.8	0.08	3.2	Inf	<2	8	16	3330	4.6	9	3	Inf	Inf	Inf	9	145
2111	555256	5561863	2.5	64.0	0.08	4.5	<1	4	18	23	9340	1.6	19	3	<0.3	<0.3	<0.6	13	90
2112	555180	5560913	2.5	14.3	<0.05	1.1	<1	3	3	10	3890	1.5	5	<2	<0.3	<0.3	<0.6	4	18
2113	553131	5561271	3.6	7.6	0.07	3.9	<1	3	29	9	19760	0.4	18	7	<0.3	<0.3	<0.6	29	61
2114	552466	5561948	3.2	9.5	0.08	1.8	1	6	33	10	20820	0.4	21	6	<0.3	<0.3	<0.6	31	70
2115	550470	5561996	3.3	22.8	0.11	3.6	<1	<2	46	19	25490	0.6	29	10	<0.3	<0.3	<0.6	38	105
2116	549804	5560775	2.7	16.5	0.08	4	<1	3	29	12	15500	0.4	18	5	<0.3	<0.3	<0.6	24	61
2117	550639	5561134	2.5	16.3	0.1	4.3	<1	3	36	16	20040	0.6	24	8	<0.3	<0.3	<0.6	30	72
2118	549149	5561387	1.4	16.6	<0.05	2	4	3	17	8	10310	0.3	10	4	<0.3	<0.3	<0.6	17	36
2119	547880	5562239	5.4	50.9	0.13	2.4	2	4	26	74	10710	1.1	24	4	<0.3	0.4	0.8	22	72
2120	548887	5562729	3.3	23.6	0.09	3.7	<1	5	32	23	18070	1	24	6	<0.3	<0.3	<0.6	32	77
2121	549184	5563608	4	38.8	0.1	3	<1	3	33	27	17070	0.9	26	7	<0.3	<0.3	<0.6	31	88
2122	547526	5564559	0.8	70.7	0.06	3.5	<1	<2	11	28	5110	5	20	4	<0.3	<0.3	<0.6	9	74
2123	545340	5563220	1.7	88.6	0.07	0.8	Inf	3	6	52	1400	2.8	21	<2	Inf	Inf	Inf	3	83
2124	542518	5563923	2.1	51.7	0.07	5.7	<1	5	21	25	10440	3.4	18	3	<0.3	<0.3	<0.6	15	102
2125	536877	5561873	2.1	63.4	0.07	2.6	<1	6	14	15	4390	2.4	9	4	<0.3	<0.3	<0.6	13	96
2126	536939	5561633	9.5	34.3	0.1	7.2	Inf	<2	29	19	18640	2.4	17	7	Inf	Inf	Inf	39	84
2127	537315	5562060	6.7	28.6	0.07	9.5	<1	2	22	24	33080	2.7	12	9	0.7	0.4	1.4	31	47
2128	537726	5562133	8.7	84.2	0.06	6.6	<1	4	10	8	14800	2.6	7	4	0.4	<0.3	0.8	14	115

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units--------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
2129	537783	5561892	7.8	71.1	0.1	2.9	<1	3	18	18	7340	2.8	12	4	<0.3	<0.3	<0.6	25	93
2130	537431	5561806	6.8	36.9	0.06	3.4	<1	3	18	12	18680	2.2	10	4	0.7	0.6	1.5	29	49
2131	539200	5552287	1.2	83.3	0.06	3.2	<1	2	7	24	2460	7.7	15	<2	0.3	0.5	1.2	8	125
2132	540545	5550767	7.1	82.1	0.08	2.7	Inf	5	12	14	4450	1.2	9	4	Inf	Inf	Inf	16	76
2133	540941	5549920	1.7	62.1	0.06	14.7	<1	5	14	18	48190	2.8	8	4	0.8	0.8	2.0	24	66
2134	540533	5550221	2.8	29.1	<0.05	14.5	<1	3	7	10	79750	1.4	3	5	0.6	0.5	1.3	18	26
2135	539684	5550025	3.9	73.6	0.08	7.4	Inf	8	17	18	9800	5.2	11	3	Inf	Inf	Inf	27	63
2136	539184	5550096	1.2	60.2	<0.05	2	<1	7	11	9	2750	2.4	7	4	<0.3	0.3	0.8	8	152
2137	538614	5549190	6.2	24.9	0.06	7.4	<1	7	19	14	19570	1.4	10	8	0.5	0.6	1.4	24	44
2138	537891	5548306	4.1	6.5	<0.05	1.1	<1	2	3	2	3550	0.6	3	<2	0.6	<0.3	1.0	3	7
2139	538079	5547748	0.6	79.1	0.06	5.3	Inf	6	3	7	4560	7.6	5	<2	Inf	Inf	Inf	7	96
2140	538260	5547467	1.7	65.5	0.09	2	<1	4	17	13	6040	2.4	11	4	0.3	0.4	1.0	20	111
2141	539900	5545347	1	93.1	<0.05	3.4	Inf	4	2	7	4240	4.6	3	<2	Inf	Inf	Inf	3	111
2142	539453	5545025	2.4	79.3	0.08	1.2	<1	<2	12	11	3640	1.2	8	4	<0.3	<0.3	<0.6	13	167
2143	539057	5544923	3.2	80.8	0.08	4.6	Inf	2	11	19	8240	4.9	9	4	Inf	Inf	Inf	14	157
2144	539233	5543694	0.7	79.3	0.07	5.4	Inf	<2	10	14	6200	2.9	10	2	Inf	Inf	Inf	13	84
2145	541140	5541448	5.7	16.1	0.14	3	<1	4	40	14	26150	0.6	24	12	<0.3	0.3	0.8	36	109
2146	540246	5539895	3.9	10.2	0.05	2.8	<1	3	19	6	13030	0.4	11	4	<0.3	<0.3	<0.6	18	52
2147	539321	5539789	0.4	43.7	0.06	7	<1	3	15	12	13680	2.2	11	4	0.4	0.4	1.1	13	74
2148	539319	5538970	9.4	24.1	0.1	2.8	<1	5	31	15	19830	1	19	9	<0.3	0.4	0.8	30	114
2149	541133	5539073	9.8	20.0	0.12	5.2	1	4	35	14	25870	0.7	21	12	<0.3	0.4	0.8	34	130
2150	539032	5537578	11.5	27.7	0.15	6.9	<1	2	42	19	39460	1	25	18	<0.3	0.4	0.8	48	166
2151	537744	5537520	11.3	13.1	0.08	3.9	<1	4	27	18	17980	0.7	18	8	0.4	0.5	1.2	26	57
2152	537087	5537312	13.1	14.5	0.06	2.5	<1	2	20	17	11650	0.7	14	7	0.6	0.5	1.4	19	43
2153	537894	5535812	2.1	66.6	0.1	4.1	<1	4	17	24	7010	1.9	17	3	<0.3	<0.3	<0.6	12	74
2155	538522	5534825	1.2	90.4	<0.05	2.6	<1	3	4	17	1420	2.1	13	<2	<0.3	<0.3	<0.6	3	77
2156	539367	5535651	1.2	79.8	0.07	4.9	<1	2	7	14	2920	3.1	9	<2	<0.3	<0.3	<0.6	8	65
2157	539870	5536160	1.2	80.3	0.07	4.4	<1	7	6	12	2330	2.7	8	2	<0.3	<0.3	<0.6	7	52
2158	541269	5535263	1.6	69.0	0.07	4.8	<1	5	13	21	4500	1.7	19	3	<0.3	<0.3	<0.6	7	54
2159	551355	5531055	2.4	26.0	<0.05	4.3	<1	4	15	9	11130	0.4	10	5	<0.3	0.3	0.8	15	129
2160	551042	5530615	3.2	22.7	<0.05	2	<1	3	15	9	7150	1	10	3	<0.3	0.3	0.8	15	66
2161	550595	5530237	3.4	24.0	0.11	10.1	<1	2	12	12	15880	4.1	8	2	<0.3	1.3	1.7	17	30
2162	550278	5529499	5.8	11.5	<0.05	1.9	<1	4	10	8	4080	0.6	6	4	0.5	0.8	1.5	8	18
2163	548855	5529228	17	40.4	<0.05	36.9	<1	4	10	7	97650	4.9	5	9	0.5	0.6	1.4	23	52
2164	548407	5529104	2.6	64.0	0.12	3.5	<1	5	18	27	7410	1.2	16	5	<0.3	<0.3	<0.6	28	105
2165	548201	5528914	8.9	78.6	0.07	3.4	Inf	8	14	15	3980	1.8	10	5	Inf	Inf	Inf	14	155
2166	547307	5528736	20.5	13.7	<0.05	9	<1	<2	14	25	13570	4.5	8	3	0.9	0.4	1.6	15	33
2167	547019	5528088	2.7	66.1	0.1	0.6	Inf	16	17	18	5880	1.3	12	4	Inf	Inf	Inf	23	101
2168	546648	5527821	4.6	59.5	0.1	1.4	1	7	21	18	8140	1.4	17	5	<0.3	<0.3	<0.6	17	164
2169	546125	5527457	8.3	39.1	<0.05	22.8	<1	4	27	12	12900	3.5	6	3	0.7	0.8	1.8	22	36
2170	546088	5526945	3.1	10.9	<0.05	1.6	<1	<2	4	3	693	1.2	2	<2	<0.3	<0.3	<0.6	2	11
2171	546068	5526637	8.3	10.7	<0.05	1.5	<1	<2	7	4	1330	1.7	2	<2	0.5	<0.3	1.0	4	13
2172	546262	5526394	12.7	17.5	<0.05	4.9	<1	2	21	14	5740	3.5	4	3	1.0	0.6	1.9	12	28
2173	546073	5526453	5.8	10.6	<0.05	3.6	<1	4	4	3	1110	0.5	2	2	0.5	<0.3	1.0	3	10
2174	546526	5525560	5.8	18.4	<0.05	2.2	<1	3	10	6	3340	2.1	4	4	0.5	0.3	1.1	9	15
2175	546757	5525257	1.2	4.3	<0.05	<0.5	<1	<2	21	8	435	<0.2	1	<2	0.7	<0.3	1.2	1	6
2176	545838	5525250	2.3	25.0	<0.05	7.7	<1	6	3	4	2690	3.2	2	2	0.3	<0.3	0.8	5	22
2177	545060	5524731	1.7	24.7	<0.05	2.8	<1	3	4	4	1890	2.3	2	<2	0.3	<0.3	0.8	6	16
2178	545357	5524252	1	21.5	<0.05	2.1	<1	2	4	9	1400	1.7	3	<2	0.4	<0.3	0.8	9	28
2179	545990	5524369	1	56.5	<0.05	5.7	<1	2	17	12	6440	3.9	5	2	0.8	0.7	1.8	9	41
2180	546161	5524297	4	42.5	<0.05	3.2	<1	3	18	19	2990	2.8	5	<2	0.6	0.5	1.4	16	89
2181	546482	5521474	1.3	42.2	0.06	3.9	<1	4	22	11	9390	2	13	4	<0.3	0.3	0.8	22	100
2182	546901	5521215	0.8	33.4	0.06	3.5	<1	<2	21	10	8070	1.3	12	4	<0.3	<0.3	<0.6	18	75
2183	546955	5520093	5.9	64.9	0.07	2.4	<1	<2	12	15	6550	1.4	8	4	0.5	0.5	1.4	13	56
2184	545691	5520510	0.3	66.4	<0.05	4.1	Inf	4	11	14	3540	0.6	7	4	Inf	Inf	Inf	12	52
2185	544390	5519304	1.6	60.2	0.06	16.5	<1	3	21	11	28470	1.5	7	2	0.5	0.5	1.3	53	66
2186	543919	5519492	10.6	63.3	0.08	14.3	<1	<2	33	15	69400	1.3	8	6	<0.3	0.4	0.8	117	123
2187	544010	5518818	3.8	73.7	0.07	13.4	<1	<2	24	12	27360	1.5	8	2	0.5	0.5	1.3	63	67
2188	542890	5518815	0.5	31.9	<0.05	1	<1	3	10	3	2260	0.4	4	3	<0.3	<0.3	<0.6	7	43
2189	526237	5515845	5.2	80.0	0.05	4.6	Inf	4	7	37	13300	4.1	12	3	Inf	Inf	Inf	9	160
2190	523629	5516414	1	75.9	0.06	7.1	<1	3	8	19	5180	4.5	11	5	0.4	0.3	1.0	10	85
2191	523103	5515745	1.1	75.4	<0.05	7.8	<1	<2	10	21	4870	4.4	12	3	<0.3	<0.3	<0.6	12	89
2192	519811	5516200	1	79.6	0.05	5.7	<1	4	6	13	2020	2.7	9	2	<0.3	<0.3	<0.6	7	92
2193	514458	5517262	1.3	83.5	<0.05	6.2	Inf	3	6	11	4210	4.6	8	4	Inf	Inf	Inf	9	142
2194	514615	5516493	1.9	72.0	0.07	5	<1	3	8	9	5500	3.5	10	3	<0.3	0.4	0.9	8	130
2195	513627	5515728	2	47.5	0.07	9	<1	3	19	14	17750	1	13	4	0.4	0.5	1.1	23	112
2196	513979	5515658	2.1	57.5	0.08	13.8	<1	7	21	42	20700	1.2	16	3	0.8	0.6	1.6	28	111
2197	514976	5514928	2	64.1	0.06	5.8	9	6	9	21	6280	4.7	13	4	<0.3	1.2	1.6	11	101
2198	513953	5515056	2	85.0	0.06	6.4	Inf	6	5	8	2420	1.9	5	3	Inf	Inf	Inf	6	92
2199	513646	5514578	2	91.1	<0.05	5.4	Inf	2	3	5	1720	2.2	4	<2	Inf	Inf	Inf	3	103
2200	513445	5514556	2.3	91.3	<0.05	4.7	Inf	7	2	5	2900	1.2	4	<2	Inf	Inf	Inf	3	83
2201	513664	5512162	1.1	83.5	<0.05	18	4	4	4	6	2800	2	6	6	<0.3	2.0	2.4	5	130
2202	512035	5512077	1.7	88.4	<0.05	3.8	Inf	5	4	9	1380	1.5	6	<2	Inf	Inf	Inf	4	63
2203	511925	5511749	2.1	90.3	<0.05	10.3	Inf	<2	3	8	5490	3.7	5	<2	Inf	Inf	Inf	6	81
2204	511989	5511115	1.4	52.2	<0.05	9.9	<1	5	9	10	8010	0.8	9	3	<0.3	<0.3	<0.6	9	72
2205	507915	5512361	1.1	86.8	<0.05	15.2	Inf	3	4	10	2320	3	7	2	Inf	Inf	Inf	5	94
2206	507731	5511441	1	87.8	<0.05	29.1	<1	7	4	8	3370	3	6	3	<0.3	<0.3	<0.6	5	104
2207	507485	5510803	0.8	76.0	<0.05	11.5	<1	5	6	8	7730	0.8	4	3	0.4	0.6	1.3	14	29

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method-------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units-------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
2208	504833	5511466	2.4	85.8	<0.05	8	inf	4	4	7	4880	4.6	5	<2	inf	inf	inf	5	286
2209	504502	5511044	2.3	83.2	<0.05	5.7	inf	7	6	28	1860	2.6	8	<2	inf	inf	inf	4	56
2210	504199	5511550	2.4	53.2	<0.05	18.8	<1	2	16	14	9220	1.2	7	4	0.5	0.5	1.4	18	38
2211	503622	5511092	7.2	70.5	0.06	33.2	13	10	13	24	11600	2.6	7	15	<0.3	1.1	1.5	27	46
2212	504189	5511762	0.1	88.9	<0.05	7.7	3	3	4	7	1570	0.6	5	4	<0.3	0.3	0.8	6	19
2213	503647	5511641	7.3	18.9	<0.05	1.6	<1	<2	3	4	677	1.4	2	<2	0.3	<0.3	0.8	4	13
2214	502812	5512274	2.6	44.4	0.06	39.7	7	6	11	19	17390	0.7	7	15	1.0	0.8	2.1	23	48
2215	502007	5511909	1.8	79.3	<0.05	5.5	inf	3	6	8	1950	2.1	6	3	inf	inf	inf	6	88
2216	502013	5511628	2.4	7.7	<0.05	4	1	2	2	3	1890	0.3	3	2	0.4	<0.3	0.9	3	6
2217	502168	5511244	1.1	69.1	0.08	9.8	inf	4	11	13	5770	1.8	8	4	inf	inf	inf	23	70
2218	500299	5511881	2.4	28.4	<0.05	5	<1	3	6	9	11800	1.2	4	<2	0.6	0.4	1.3	12	21
2219	500932	5511808	2.8	7.8	<0.05	3.7	<1	3	8	4	4850	0.7	4	<2	0.4	<0.3	0.8	25	14
2220	501413	5511976	1.1	37.8	<0.05	18.6	6	7	3	14	2920	1.4	4	14	0.8	0.6	1.7	7	49
2221	501106	5512195	1	87.3	<0.05	3.3	inf	3	4	9	1190	2.3	5	<2	inf	inf	inf	5	101
2222	500889	5512341	1.5	75.9	0.06	5.1	<1	<2	10	11	3010	1.6	7	4	<0.3	<0.3	<0.6	14	78
2223	500308	5512473	1.6	85.1	0.05	5	inf	4	4	17	1040	2.7	8	<2	inf	inf	inf	5	72
2224	500185	5513561	1.9	76.6	0.06	5.2	<1	3	10	17	2930	1.6	8	3	<0.3	<0.3	<0.6	12	82
2225	501214	5513693	0.3	30.6	0.07	5.7	2	4	15	49	4990	0.3	11	7	0.6	0.4	1.3	14	39
2226	501924	5514691	3.2	27.8	<0.05	10.7	2	<2	4	6	3070	1.4	4	5	0.4	0.3	1.1	9	23
2227	501744	5514687	5.4	36.3	<0.05	17.9	2	<2	8	16	31150	1.8	4	7	0.9	0.5	1.7	19	38
2228	501457	5514269	4.4	27.6	<0.05	4.9	1	3	5	14	1250	0.8	3	4	0.6	0.3	1.2	6	23
2230	500813	5514766	2	34.5	0.05	13.1	<1	4	12	20	13000	1.6	10	3	1.0	0.7	1.9	28	39
2231	500667	5515517	3	46.2	<0.05	7.3	2	<2	3	8	7740	3.8	3	<2	0.8	0.6	1.7	7	29
2232	500472	5515382	1.5	39.3	<0.05	6.8	<1	6	1	4	7610	2.6	4	<2	0.6	0.6	1.5	3	32
2233	499973	5515289	3.8	82.8	0.06	5.1	<1	2	10	11	3470	1.4	6	4	<0.3	0.3	0.8	11	79
2234	500098	5515908	5	2.6	<0.05	1.4	inf	4	14	2	8850	0.3	8	<2	inf	inf	inf	15	21
2235	501204	5516406	3	84.9	<0.05	6.4	<1	4	6	10	6750	2.3	5	2	<0.3	0.3	0.8	11	185
2236	500599	5517007	1.6	59.1	0.06	10.9	1	5	11	21	10420	3.5	11	4	0.7	0.8	1.8	12	85
2237	500340	5518628	1.6	75.3	<0.05	4.5	<1	3	8	19	3110	1.8	12	<2	0.3	0.5	1.2	4	94
2238	500513	5518799	1.6	81.8	0.07	4.6	<1	4	5	25	5250	5.3	11	<2	<0.3	<0.3	<0.6	5	76
2239	501007	5519933	1.1	49.5	0.06	4.3	<1	5	12	17	5760	1.9	12	<2	<0.3	0.5	1.0	9	62
2240	500063	5520600	1.4	63.5	0.11	3.2	<1	5	11	37	2340	1.6	17	<2	0.4	0.6	1.3	6	54
2241	500085	5521472	9.6	48.9	0.15	9.4	<1	3	19	30	11510	0.9	11	6	0.4	1.1	1.7	21	97
2242	500833	5522131	1.5	62.0	0.09	2.9	<1	2	9	26	1820	2.7	12	<2	<0.3	0.4	0.8	7	57
2243	502933	5522074	0.4	55.7	0.1	5.3	<1	<2	12	27	10560	3.2	13	5	<0.3	0.6	1.1	14	78
2244	503951	5521616	1.7	81.6	0.08	5	inf	<2	6	31	2660	6.2	12	2	inf	inf	inf	6	100
2245	507293	5522619	5.7	62.6	0.15	7.5	3	6	18	60	7080	2.2	17	8	0.5	0.8	1.7	17	108
2246	508879	5524331	7	53.9	0.19	13.5	3	3	19	79	6850	2.3	17	20	0.6	0.8	1.7	18	101
2247	511669	5523909	1.2	29.7	0.05	3.5	<1	4	14	16	6660	0.6	9	3	0.4	0.6	1.3	11	49
2248	513039	5527666	1.8	70.6	0.08	5.5	inf	<2	12	28	6470	3.8	11	2	inf	inf	inf	9	47
2249	511399	5527638	5.8	83.7	0.06	4.7	<1	4	8	15	2610	1.6	9	2	<0.3	0.5	1.0	7	80
2250	511488	5528674	0.9	47.9	0.06	2	<1	4	14	17	5690	1.6	13	3	<0.3	0.7	1.1	10	54
2251	511699	5529430	1.3	71.1	0.07	2.7	<1	3	12	22	3790	2.4	14	3	0.4	0.5	1.2	7	54
2252	512337	5529659	5	25.3	0.07	3.2	<1	<2	17	11	7780	0.5	10	4	<0.3	0.6	1.1	13	48
2253	511374	5531676	2.6	86.7	0.05	4.1	<1	4	8	27	2840	4	9	<2	<0.3	1.1	1.5	5	73
2254	511159	5532403	1.6	71.5	0.08	3.3	<1	3	12	31	4760	3.7	9	<2	<0.3	<0.3	<0.6	12	62
2255	510373	5532835	1.3	78.3	0.06	3.1	<1	3	7	20	3700	2.9	8	2	<0.3	<0.3	<0.6	10	58
2256	510120	5532061	1.3	79.0	0.11	4.3	2	4	11	69	2670	4.8	13	<2	0.8	1.9	3.0	11	82
2257	509152	5532950	2	56.4	0.1	6.8	2	7	21	50	11770	3.9	18	6	0.8	<0.3	1.3	22	69
2258	509403	5533611	6.5	10.3	<0.05	1.8	<1	7	16	11	9730	0.6	9	4	<0.3	<0.3	<0.6	18	27
2259	507616	5534064	1.5	81.6	0.06	2.8	inf	3	9	14	2960	1.2	8	3	inf	inf	inf	12	80
2260	507381	5533441	1.2	74.5	0.08	2.9	inf	<2	12	21	6140	2.1	10	3	inf	inf	inf	17	81
2261	506486	5533079	1.8	81.6	0.06	4.6	inf	2	7	11	3760	2	6	3	inf	inf	inf	14	84
2262	504939	5534311	1.2	81.3	0.06	2.3	<1	<2	8	29	2070	4.2	8	3	<0.3	<0.3	0.9	9	99
2263	504509	5533260	1.1	80.0	<0.05	3	<1	<2	10	24	6350	3.9	12	2	<0.3	<0.3	<0.6	8	135
2264	504095	5533146	0.3	71.4	0.06	4.6	inf	6	14	24	10080	4.2	12	3	inf	inf	inf	17	140
2265	502158	5534491	4.2	57.0	0.07	5.7	<1	<2	20	22	11940	1.3	15	8	0.4	0.6	1.2	20	83
2266	501493	5533286	2.7	68.2	0.08	5.2	<1	6	22	41	13630	2.3	13	4	1.3	1.1	2.7	21	89
2267	500965	5533903	0.7	70.7	0.05	2.5	<1	3	6	13	4230	3.2	7	2	<0.3	<0.3	<0.6	9	65
2268	500775	5533245	2.2	73.2	0.08	3.1	<1	5	13	34	5120	4	14	3	<0.3	<0.3	<0.6	11	76
2269	500624	5533614	2.4	79.0	0.05	4.1	2	3	7	25	12930	6.8	10	2	0.7	<0.3	1.1	10	89
2270	499955	5533656	1.2	17.2	<0.05	2	<1	4	16	16	12340	1	11	3	0.3	0.3	0.9	16	47
2271	500968	5534630	1	52.1	0.07	4.6	<1	<2	32	21	18490	1.2	22	8	<0.3	0.6	1.0	30	102
2272	500475	5535362	1	75.6	<0.05	2.2	<1	7	6	7	3940	1.9	6	4	<0.3	5.9	6.3	7	114
2273	500389	5538472	1.1	68.5	<0.05	2.6	<1	<2	11	18	6840	3.7	10	3	<0.3	<0.3	<0.6	12	78
2274	501541	5538641	1.1	63.8	0.05	3.2	<1	8	14	19	8660	3.6	12	4	<0.3	<0.3	<0.6	14	87
2275	503975	5536872	1.2	77.5	0.07	6.6	<1	4	12	18	6470	5.3	15	4	<0.3	<0.3	<0.6	14	115
2276	506187	5534940	1.5	78.5	0.09	2.5	inf	3	8	38	1870	4.1	7	3	inf	inf	inf	10	74
2277	507245	5535402	4	67.8	0.08	11.2	inf	7	20	36	15580	2.9	12	15	inf	inf	inf	23	94
2278	507636	5535607	0.5	11.8	<0.05	2	<1	3	4	7	6310	1.1	4	3	<0.3	<0.3	<0.6	6	19
2279	507718	5535146	1.1	28.6	<0.05	2.7	<1	<2	8	26	3930	3.2	7	3	0.6	0.3	1.2	11	42
2280	508457	5535976	1.3	75.9	0.09	3.9	<1	6	9	49	3280	5.9	10	4	0.8	<0.3	1.2	15	97
2281	508256	5534437	3	63.9	0.1	5.5	<1	4	18	79	8340	2.4	18	5	0.4	<0.3	0.9	22	76
2282	508859	5534370	1.9	24.1	<0.05	1.9	<1	5	4	16	2980	1.5	4	3	0.5	<0.3	0.9	9	28
2283	510001	5534600	1	8.6	<0.05	0.6	<1	4	<1	9	474	0.6	1	2	0.4	<0.3	0.8	3	9
2284	510872	5534008	1.1	64.5	0.07	2.8	<1	<2	11	21	6930	3.2	10	4	0.3	0.6	1.2	14	84
2285	510214	5535403	1.4	64.6	0.08	5.5	<1	6	11	31	6660	2.8	11	7	0.8	0.6	1.7	17	62
2286	510525	5536972	7.8	32.4	<0.05	14	<1	4	10	11	114510	3	26	7	0.6	0.6	1.6	20	31

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
2287	510790	5536844	1.4	62.9	0.09	4.9	<1	4	21	16	11980	2.2	14	4	<0.3	<0.3	<0.6	22	74
2288	511279	5536893	3.5	13.8	0.14	3.8	1	5	61	33	34470	0.7	39	10	0.5	0.6	1.4	57	87
2289	510922	5537318	7.1	35.4	0.07	8	<1	4	9	21	21480	2.2	9	5	1.0	1.2	2.5	13	48
2290	511426	5537960	2.5	75.3	0.09	3.7	<1	5	12	19	4910	1.9	10	4	<0.3	<0.3	<0.6	15	68
2291	511409	5538410	1.2	53.6	0.11	2	<1	5	23	21	6560	1.6	17	4	<0.3	0.6	1.0	17	103
2292	512084	5537403	1.3	79.5	0.08	4.7	Inf	8	13	15	6340	1.4	11	3	Inf	Inf	Inf	15	61
2293	512688	5538020	2.4	72.4	0.06	5	<1	5	14	13	6970	1.6	10	4	<0.3	<0.3	<0.6	15	55
2294	513121	5537001	1.2	77.0	0.15	5.2	Inf	4	9	20	3110	2.2	11	3	Inf	Inf	Inf	12	76
2295	513913	5536884	0.4	12.2	<0.05	4	<1	3	2	5	2760	0.9	3	<2	<0.3	<0.3	<0.6	5	19
2296	514546	5538564	0.5	79.7	0.07	2.3	Inf	4	12	22	5810	1.5	11	4	Inf	Inf	Inf	17	55
2297	515792	5536755	1.2	72.0	0.1	2.2	<1	4	10	29	2570	3.4	13	<2	<0.3	<0.3	<0.6	8	69
2298	516293	5537132	1.4	88.3	0.09	2.3	Inf	<2	8	29	2190	3.3	15	<2	Inf	Inf	Inf	5	94
2299	516268	5534491	1	73.3	0.07	2.6	<1	2	6	22	1720	4	13	2	0.4	0.5	1.1	7	75
2300	514033	5534744	2	80.6	0.09	2.4	<1	<2	25	159	4370	3.6	15	3	1.6	1.7	3.5	10	71
2301	513716	5534317	2	74.9	0.1	1	1	8	23	234	2810	2.3	12	<2	2.0	1.3	3.6	8	51
2302	513517	5534396	1.5	32.2	0.07	2.2	<1	6	12	110	3490	2.9	9	<2	1.1	0.4	1.9	9	29
2303	512707	5533506	4.9	61.3	0.09	1.9	<1	9	21	26	10490	1.2	16	4	<0.3	<0.3	<0.6	17	103
2304	513005	5532866	2.1	74.3	0.05	2.7	<1	6	9	23	5310	4	17	3	<0.3	<0.3	<0.6	9	93
2305	514551	5532658	1.3	45.2	0.07	1.9	2	5	10	47	2520	4.2	11	3	0.5	0.7	1.5	10	78
2306	515385	5533161	1.5	60.9	0.09	2.4	<1	3	11	31	3520	2.8	12	4	0.7	0.9	1.9	10	71
2307	516260	5532914	3	41.2	0.11	1.9	<1	6	22	28	9710	0.9	15	5	<0.3	0.5	1.0	24	59
2308	515030	5530438	1.2	12.3	<0.05	0.8	<1	3	3	19	1980	3.1	3	<2	<0.3	<0.3	<0.6	3	25
2309	513984	5530489	6.1	23.4	0.07	1.2	<1	<2	24	13	12870	0.8	12	3	<0.3	0.6	1.0	21	68
2310	513830	5529401	1.3	28.7	0.1	<0.5	<1	4	10	127	3390	3.6	9	5	0.6	<0.3	1.0	8	48
2311	513823	5528561	1.5	32.9	0.11	2.4	<1	<2	17	62	6090	1.9	14	3	0.4	0.3	1.0	14	38
2312	516021	5528785	2	23.5	0.13	2.4	<1	<2	60	29	30040	0.8	37	10	0.5	0.7	1.5	49	97
2313	515572	5528083	2	30.9	0.11	3.2	<1	7	58	32	28700	1.1	37	8	0.6	0.6	1.5	48	98
2314	514485	5526458	3.7	18.9	0.08	2.6	<1	<2	45	23	24120	0.5	27	8	0.5	0.7	1.5	38	74
2315	515446	5525849	1.5	81.2	0.06	4.8	Inf	<2	8	12	3950	5.1	13	<2	Inf	Inf	Inf	8	159
2316	511552	5526308	1.7	58.9	0.1	1	<1	<2	16	58	4920	2.6	14	3	0.6	0.6	1.5	10	74
2317	510398	5527442	1.1	51.1	0.07	2.1	Inf	<2	15	28	6410	2.9	12	3	Inf	Inf	Inf	17	65
2318	509114	5527954	12.7	38.7	0.13	6.8	2	2	27	29	21720	0.6	14	12	0.6	0.8	1.6	33	106
2319	509952	5529048	1.3	73.2	0.07	2.7	Inf	9	11	31	3610	4.6	13	3	Inf	Inf	Inf	13	69
2320	509063	5529159	5.1	41.8	0.09	3	<1	6	22	37	12330	1.4	17	5	0.4	0.7	1.5	23	89
2321	508768	5530094	2.7	17.6	<0.05	1.4	<1	13	5	26	4050	2	7	2	0.5	<0.3	0.9	8	24
2322	510309	5530511	4.7	41.0	0.1	2.9	<1	4	23	25	11500	1.1	16	7	0.5	0.5	1.3	22	77
2323	507898	5530900	0.5	37.3	0.06	4.5	<1	4	15	20	7240	2.2	12	2	0.3	0.5	1.1	12	65
2325	507514	5532585	5.4	13.7	<0.05	3.4	<1	<2	16	13	11180	0.9	10	5	0.4	0.4	1.1	18	39
2326	506903	5531983	2	59.0	0.06	3.8	<1	7	20	18	7360	1.2	15	8	<0.3	0.4	0.8	18	103
2327	506598	5532227	10.1	40.7	0.11	12.1	<1	6	26	46	16540	3.2	19	11	1.2	0.9	2.4	39	81
2328	505948	5531470	4.4	29.6	0.07	4.8	<1	6	24	22	16200	1.7	16	4	0.5	0.7	1.5	27	66
2329	504462	5532460	0.8	44.1	0.14	1.7	2	10	31	148	7580	0.7	12	6	1.9	0.8	3.1	19	51
2330	504228	5532257	1.6	9.4	<0.05	1.1	<1	4	4	14	778	2.4	3	3	0.4	<0.3	0.8	4	14
2331	503167	5532221	3.8	49.3	0.06	4.9	2	8	20	32	12350	2.7	15	7	0.6	0.6	1.5	20	63
2332	503514	5531785	2.9	49.4	0.09	5.8	1	2	18	40	15050	3.7	14	2	1.0	0.7	2.0	19	61
2333	503650	5530486	0.5	58.0	<0.05	3.1	<1	5	13	24	8330	5	14	3	0.6	0.5	1.4	12	58
2334	503088	5530420	1.8	87.9	0.05	2.3	<1	<2	7	9	2330	1.8	7	4	<0.3	0.3	0.8	7	125
2335	502927	5531105	1.5	44.8	0.05	7.4	<1	2	9	10	26410	12.9	10	3	0.8	0.8	2.0	13	19
2336	502498	5532180	0.4	20.0	<0.05	6.4	<1	<2	20	14	13130	1.5	12	2	<0.3	<0.3	<0.6	22	37
2337	502954	5532729	0.7	14.5	<0.05	1.1	<1	<2	<1	8	833	1.1	2	2	0.5	<0.3	0.9	2	17
2338	501615	5531969	1	65.5	0.06	3.4	<1	<2	13	19	10820	4	11	3	<0.3	<0.3	<0.6	18	79
2339	501058	5532189	1.9	29.3	<0.05	9.7	<1	5	6	35	6650	1.6	8	2	1.1	0.3	1.7	18	41
2340	501130	5530814	7.4	42.9	0.11	24.4	2	<2	18	26	13880	2	12	33	0.6	0.3	1.3	27	74
2341	500376	5530334	0.8	14.4	<0.05	1.6	1	<2	15	7	8240	0.3	6	2	<0.3	<0.3	<0.6	15	29
2342	501743	5530387	2.3	45.5	0.08	6.3	<1	4	18	40	13930	3.9	15	2	0.9	0.7	1.8	19	65
2343	501494	5530056	4	80.9	0.06	2.7	<1	3	9	9	2380	1.1	5	<2	<0.3	<0.3	<0.6	11	110
2344	502165	5529683	1.8	77.4	0.09	3.1	Inf	4	12	12	3680	1.2	8	3	Inf	Inf	Inf	15	82
2345	500884	5529446	4.2	17.4	<0.05	6.2	<1	7	18	20	13530	0.7	10	5	0.4	<0.3	0.8	20	33
2346	500943	5529791	1.9	77.6	0.06	Inf	Inf	Inf	9	13	5130	1.5	7	3	Inf	Inf	Inf	12	53
2347	500480	5529583	1.5	56.8	0.05	4.3	<1	6	14	13	6460	1.9	10	6	<0.3	<0.3	<0.6	17	57
2348	500472	5529031	1.7	62.3	0.05	8.1	<1	3	10	13	3830	3	9	4	0.6	0.6	1.5	15	70
2349	500053	5528581	0.9	21.2	<0.05	2.1	<1	6	16	6	6170	0.6	9	3	<0.3	0.4	0.8	13	35
2350	500325	5527256	3.3	74.3	0.07	2.9	<1	2	9	17	3320	4.8	6	4	<0.3	<0.3	<0.6	14	69
2351	500864	5526111	0.8	61.4	0.05	3	<1	9	13	18	3680	1.5	10	4	0.4	0.5	1.1	9	67
2352	500767	5525988	2.6	75.0	0.1	3.7	Inf	4	14	53	7680	3.2	16	5	Inf	Inf	Inf	19	207
2353	500324	5525361	1.4	75.4	0.1	3.7	<1	3	10	26	5790	3.3	8	4	<0.3	<0.3	<0.6	11	73
2355	499789	5524816	1.1	8.8	<0.05	0.8	<1	3	2	6	1070	0.6	2	<2	0.5	<0.3	1.0	2	11
2356	501900	5525247	1.2	42.5	<0.05	2.8	<1	4	6	19	6950	4.6	8	<2	0.5	<0.3	1.0	8	71
2357	502110	5524820	2.3	62.8	0.07	6.9	<1	3	10	18	7010	3.5	14	4	<0.3	0.5	0.9	9	113
2358	503883	5523658	0.8	67.0	0.06	4.1	<1	<2	10	29	3720	2.5	14	2	<0.3	<0.3	<0.6	8	63
2359	503603	5524142	0.2	53.1	<0.05	3.5	<1	2	12	24	8150	3.2	15	3	<0.3	0.4	0.9	10	63
2360	504729	5524664	5.5	24.8	0.06	1.8	<1	3	15	16	6300	0.4	8	4	<0.3	0.5	0.9	11	41
2361	503613	5526402	1.1	71.5	0.08	2.7	<1	<2	9	30	2460	4	12	2	<0.3	<0.3	<0.6	7	78
2362	503839	5526596	1.2	77.9	0.07	3	Inf	<2	8	33	2600	7.4	12	<2	Inf	Inf	Inf	8	78
2363	504864	5526295	2	73.8	0.13	1.9	3	2	13	83	3430	1.9	15	3	<0.3	<0.3	<0.6	8	60
2364	505844	5525945	1.2	13.8	<0.05	1.2	1	<2	7	20	6400	2.2	7	3	<0.3	<0.3	<0.6	8	23
2365	505528	5526469	1.9	60.6	0.08	3.7	5	3	12	41	4480	2.5	10	5	<0.3	<0.3	<0.6	11	75
2366	505758	5527103	1.4	45.5	0.05	2.1	<1	2	8	39	3940	3	8	2	<0.3	<0.3	<0.6	7	38

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method----------->		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------------->		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
2367	503372	5527365	8.9	8.1	<0.05	2.7	<1	3	14	9	8090	0.3	8	5	<0.3	<0.3	<0.6	12	23
2368	503724	5528500	1	73.3	0.07	3.2	<1	5	8	19	3140	4	10	4	<0.3	<0.3	<0.6	8	89
2369	504734	5529509	1	69.1	0.06	3	<1	5	9	36	4200	10.3	17	<2	<0.3	<0.3	<0.6	11	65
2370	504984	5528765	1.4	24.3	<0.05	2.4	<1	<2	7	13	6280	2.3	7	3	<0.3	<0.3	<0.6	9	27
2371	506148	5529144	1.1	76.7	0.06	1.2	<1	3	5	16	1450	4.1	10	2	<0.3	<0.3	<0.6	5	52
2372	506409	5528583	1.6	26.3	<0.05	2	<1	<2	7	15	5980	2.1	7	<2	<0.3	<0.3	<0.6	7	31
2373	507180	5527746	3.4	58.4	0.08	2.8	2	3	12	30	4530	1.3	14	3	1.3	0.5	2.1	10	60
2374	508194	5527355	1.9	27.1	<0.05	2.6	<1	9	5	36	2250	1.2	5	<2	<0.3	<0.3	<0.6	6	35
2375	507898	5527123	1.7	41.4	0.05	4.8	<1	6	8	42	4850	3.1	9	3	0.6	0.5	1.4	9	65
2376	508061	5526724	2.2	66.7	0.08	10	<1	4	13	40	6000	4.2	16	4	<0.3	0.5	1.0	10	85
2377	509866	5526621	1.1	71.7	0.11	3	<1	3	17	25	3260	4.7	11	2	<0.3	0.4	0.9	8	72
2378	510242	5526148	1.4	69.2	0.08	3.2	<1	<2	15	20	3090	2	11	3	<0.3	<0.3	<0.6	7	65
2379	511125	5523429	3.2	75.6	0.08	3.9	inf	4	18	19	3190	3	10	2	inf	inf	inf	10	75
2380	510577	5523372	2.2	24.9	0.05	4.4	<1	3	23	31	6870	1.2	11	5	0.3	0.6	1.2	15	45
2381	509668	5522632	2.1	31.9	0.09	5	<1	<2	19	52	6170	2.7	12	3	0.9	0.9	2.1	18	51
2382	508187	5521158	1.7	65.5	0.06	4.1	<1	<2	25	15	5230	2.1	9	4	<0.3	<0.3	0.8	13	95
2383	508321	5521014	1.9	86.2	0.07	4.2	inf	4	13	9	2220	2.2	7	3	inf	inf	inf	7	109
2384	507582	5520971	0.7	40.4	0.07	10.2	1	<2	17	25	7700	0.6	8	8	<0.3	0.5	0.9	10	51
2385	505859	5520536	1.9	61.7	0.08	4.8	<1	<2	20	27	5140	6.7	11	3	0.4	0.6	1.4	12	80
2386	504462	5520033	7.7	62.5	0.06	4	<1	3	15	19	4670	3.9	13	<2	<0.3	0.4	0.8	9	76
2387	501849	5518885	1.4	49.7	0.1	5.7	2	4	23	31	6730	2.9	15	7	<0.3	0.5	0.9	12	87
2388	501963	5517807	0.5	51.4	0.07	9	<1	5	25	21	12980	2.3	10	5	<0.3	0.5	1.0	14	80
2389	502206	5515251	0.6	27.1	0.06	10.6	<1	5	16	15	9540	1.2	8	5	0.7	0.6	1.6	18	38
2390	502791	5515307	1.1	36.9	0.06	12.8	<1	8	21	18	16950	1.2	10	4	0.9	0.6	1.8	29	52
2391	503481	5516375	2	48.6	0.07	10.3	1	4	31	22	15130	2.5	13	5	0.7	0.7	1.7	26	75
2392	533811	5517294	0.5	65.3	<0.05	5.3	4	4	17	8	4210	0.5	9	3	<0.3	<0.3	<0.6	15	10
2393	532668	5518577	0.8	15.6	0.05	6.2	2	12	20	6	10210	0.3	10	5	<0.3	0.3	0.8	17	44
2394	533006	5519328	4.9	68.1	<0.05	5.2	inf	4	11	5	106940	1.4	1	3	inf	inf	inf	9	178
2395	532995	5520109	2.3	69.0	<0.05	3.6	<1	4	9	7	5990	2.6	5	<2	<0.3	0.3	0.8	8	46
2397	535238	5525414	0.5	12.3	0.06	2.2	<1	<2	20	7	10780	0.5	8	11	<0.3	<0.3	<0.6	18	31
2398	534995	5532914	0.8	13.9	<0.05	1.6	<1	4	7	6	1480	1.2	2	3	0.6	<0.3	1.0	6	19
2399	534909	5534911	8.5	22.9	<0.05	5.9	inf	<2	11	6	3800	3.1	2	<2	inf	inf	inf	2	6
2400	534798	5535152	5.5	7.6	<0.05	1.3	<1	4	8	6	1340	1	1	3	0.4	<0.3	0.8	3	7
2401	534782	5535649	6.5	32.7	<0.05	3	<1	4	20	9	5900	2.5	6	3	0.5	0.4	1.2	10	26
2402	534937	5535480	1.1	8.4	<0.05	1.1	<1	4	5	7	3650	0.9	5	<2	<0.3	<0.3	<0.6	4	11
2403	534105	5538716	7.2	32.1	0.12	5.8	1	6	42	18	22640	0.6	21	15	0.5	0.9	1.7	29	105
2404	532159	5537073	1.8	69.9	0.09	2.8	inf	5	15	35	5510	2.6	12	2	inf	inf	inf	11	70
2405	531151	5536965	2.6	58.1	0.07	3.4	<1	4	39	26	7220	2.8	12	4	0.4	0.6	1.3	13	84
2406	530889	5537368	1.3	11.7	<0.05	1.4	<1	<2	3	9	1540	0.8	3	<2	0.4	<0.3	0.8	3	15
2407	531377	5537358	0.1	42.7	0.07	4.4	3	5	39	83	8990	0.6	14	5	1.0	0.9	2.2	18	76
2408	531541	5535754	1.8	73.8	0.09	1.2	inf	<2	13	31	4700	3.1	13	2	inf	inf	inf	7	57
2409	531752	5535296	1.2	71.6	0.1	3.5	<1	5	24	33	6170	2.9	14	3	0.6	0.7	1.6	11	95
2410	532316	5534686	1	76.8	0.06	2.2	<1	<2	8	13	2330	3.1	9	<2	<0.3	<0.3	<0.6	7	67
2411	529879	5533829	2.1	87.2	0.07	3.9	inf	4	12	35	1930	6.8	10	5	inf	inf	inf	5	111
2412	528994	5535221	0.5	34.2	0.07	2.8	<1	3	8	23	5930	3.6	9	3	0.5	0.4	1.2	8	53
2413	526283	5533099	1.3	50.1	<0.05	3.2	<1	3	5	17	2480	2.8	9	<2	0.4	0.3	1.0	4	72
2414	525741	5536399	1.3	48.3	0.06	7	<1	4	8	13	8670	3.6	9	3	<0.3	0.6	1.0	11	82
2415	524633	5536856	1.8	6.3	0.08	4.5	<1	2	30	19	18240	0.5	20	7	<0.3	0.5	0.9	30	42
2416	523693	5536235	3.2	65.6	0.09	12	<1	4	14	10	13390	1.6	11	6	<0.3	0.6	1.0	15	110
2417	522745	5537384	1	86.6	<0.05	7.9	<1	3	3	5	2260	1.8	4	4	<0.3	<0.3	<0.6	4	62
2418	522021	5536304	0.8	83.8	<0.05	2.4	2	2	5	7	2290	1.9	6	3	0.7	<0.3	1.1	5	80
2419	521328	5532048	3	23.3	<0.05	3.8	1	<2	4	40	2770	1.5	5	<2	0.7	<0.3	1.1	8	31
2420	520809	5531464	2.7	68.8	0.09	6.5	<1	3	18	50	10850	2.6	18	3	0.9	0.9	2.0	20	81
2421	520330	5530963	4.2	74.3	0.1	5.3	<1	6	15	22	10510	1.8	15	3	0.4	0.6	1.3	14	89
2422	519374	5528362	1	80.2	0.09	2.5	<1	<2	6	13	2760	6	6	2	<0.3	<0.3	<0.6	8	77
2423	524269	5529789	2.8	19.7	0.11	3.4	<1	3	43	15	24610	0.6	27	8	0.3	0.7	1.3	37	87
2424	523847	5527773	1.6	80.4	0.08	1.4	3	3	6	19	1720	1.7	14	<2	<0.3	<0.3	<0.6	5	75
2425	522550	5526908	2.6	10.8	<0.05	<0.5	<1	5	14	7	8510	1.2	9	3	<0.3	0.3	0.8	13	27
2426	521759	5526398	3.7	57.6	0.07	3.4	<1	3	22	14	11720	1.6	18	5	<0.3	0.6	1.1	17	87
2427	525082	5526597	1.4	81.8	<0.05	5.3	<1	6	5	7	5440	5.2	6	3	<0.3	<0.3	<0.6	8	124
2428	526408	5526815	4.5	87.7	<0.05	inf	5	inf	4	9	4870	4.4	5	3	1.1	1.3	2.6	4	145
2429	528426	5525446	2.1	88.8	<0.05	4.9	inf	7	6	6	3430	1.6	7	2	inf	inf	inf	4	103
2430	525505	5525425	1.3	79.4	0.06	15	<1	4	9	10	9710	6.6	11	3	<0.3	0.7	1.1	11	256
2431	522574	5524561	1	67.9	0.06	7.1	2	<2	11	18	6810	3.8	15	4	0.5	0.9	1.9	10	119
2432	524016	5523040	0.9	41.4	<0.05	4.4	<1	5	4	17	3270	2.8	3	3	1.2	0.4	1.9	7	35
2433	519630	5522561	1.6	82.6	<0.05	3.2	<1	<2	5	12	2550	5.7	11	<2	<0.3	<0.3	<0.6	5	113
2434	520302	5521305	0.5	79.0	0.08	7.4	<1	3	10	17	6760	5.4	15	4	<0.3	<0.3	0.9	10	141
2435	518307	5519581	1.9	80.2	0.07	4.9	3	<2	8	16	2690	4.1	12	3	1.1	<0.3	1.6	9	96
2436	514877	5520491	2.5	53.4	0.08	15.9	1	<2	30	18	20140	1.2	19	9	0.4	0.8	1.5	27	70
2437	515773	5521987	1.6	38.1	0.13	17.2	3	<2	45	17	26680	0.6	27	11	<0.3	0.7	1.2	35	102
2438	512363	5523123	1.1	68.8	0.06	3.2	<1	9	7	17	2750	3.7	12	<2	<0.3	<0.3	<0.6	6	70
2439	510785	5522432	6.2	51.9	0.12	7.8	<1	<2	26	59	12170	2.4	16	7	1.2	1.1	2.5	31	114
2440	510551	5522710	0.2	40.6	0.09	12.1	<1	6	17	28	10100	0.7	10	7	0.5	0.7	1.6	15	65
2441	510192	5522286	1	8.5	<0.05	1	<1	3	4	14	1510	<0.2	2	4	<0.3	<0.3	<0.6	3	23
2442	509419	5521185	5.5	71.7	0.07	8.2	inf	2	11	19	10440	5.8	9	4	inf	inf	inf	16	61
2443	509232	5520709	1.6	52.0	0.05	2.8	<1	7	7	7	5670	3.7	4	<2	0.4	0.6	1.3	8	43
2444	509529	5520148	2.6	65.1	0.08	6	<1	<2	12	17	9250	3.1	10	4	0.4	0.6	1.2	15	86
2445	509209	5519744	1.3	39.2	0.05	6.1	1	4	8	20	9850	5.5	10	3	0.9	0.9	2.0	13	47

SITE	EASTING	NORTHING	Lake	LOI	Ag	As	Au	Au	Cr	Cu	Fe	Mo	Ni	Pb	Pd	Pt	PGEs	V	Zn
	Method------------>		Depth	Grav	ICP-MS	INAA	FA/ICP-MS	INAA	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-OES	FA/ICP-MS	FA/ICP-MS	FA/ICP-MS	ICP-OES	ICP-OES
	Detection Limit--->			0.01	0.05	0.5	1	2	1	1	100	0.2	1	2	0.3	0.3	0.6	1	1
	Units------------>		m	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppm	ppm
2446	508219	5519174	4.8	18.2	0.07	6.6	<1	6	17	11	14750	1	10	4	<0.3	0.5	1.0	21	42
2447	508202	5519733	1.7	74.0	0.08	3	<1	2	13	16	3600	2.3	9	4	<0.3	<0.3	<0.6	13	99
2448	508143	5520193	1.6	78.4	0.08	2.8	<1	3	8	15	2520	3.7	10	4	<0.3	0.4	0.9	10	74
2449	507610	5520244	1.3	80.1	0.06	4.6	<1	<2	9	15	3360	4.5	10	3	0.4	0.5	1.2	12	95
2450	506866	5519960	1.5	80.4	0.06	3.4	2	4	8	12	2830	3.7	8	3	<0.3	<0.3	<0.6	9	78
2451	507293	5518880	4.9	32.6	0.07	10.6	3	7	20	17	17180	1.6	12	4	0.4	0.7	1.4	24	58
2452	507450	5518477	0.5	25.4	0.06	4.4	2	6	8	13	7610	3.3	7	<2	0.4	0.3	1.1	15	33
2453	506728	5518486	3.9	31.3	0.08	6.3	<1	<2	21	16	16360	1.6	13	4	0.4	0.7	1.3	25	71
2454	506188	5518784	1.3	85.1	<0.05	5.1	6	3	4	7	4410	5.3	3	<2	1.0	<0.3	1.5	8	15
2455	505536	5519295	1.3	89.2	0.1	4.2	<1	5	7	11	2790	4.1	9	2	0.5	0.6	1.4	8	115
2456	505091	5519764	1.3	57.3	0.06	2.9	<1	3	5	46	1960	6.1	6	<2	0.9	0.7	1.9	7	62
2457	505022	5518947	1.5	78.4	0.08	3.9	Inf	<2	7	19	4510	4.2	6	3	Inf	Inf	Inf	12	100
2458	504844	5518906	1.6	81.5	0.11	15	Inf	4	6	9	2540	1.6	6	19	Inf	Inf	Inf	7	112
2459	504537	5518608	0.8	72.1	0.11	4.6	<1	2	11	24	9440	3.6	8	3	0.3	<0.3	0.9	13	91
2460	505089	5518441	3.2	33.9	0.06	4.7	<1	4	7	25	5950	2.6	5	<2	0.8	0.3	1.5	13	37
2461	504147	5518055	1.6	73.2	0.08	3.6	<1	<2	8	12	2990	2.4	7	4	<0.3	0.6	1.1	10	76
2462	503806	5518365	4.5	71.7	0.07	11	1	4	11	13	4820	3.2	8	7	0.3	0.6	1.5	20	62
2463	504130	5517451	1.2	76.7	0.07	3	1	<2	6	28	5100	2.9	11	3	0.8	0.7	1.9	8	69
2464	504851	5517696	1.3	86.9	0.07	4.2	Inf	4	5	19	2700	1.2	9	<2	Inf	Inf	Inf	6	60
2465	505222	5517178	6.1	36.0	0.08	6.3	<1	9	23	20	13090	1	13	5	0.6	0.7	1.6	24	73
2466	504785	5516581	2	25.3	0.08	5	<1	3	17	12	10150	0.7	9	4	0.4	0.7	1.3	18	40
2467	504931	5516329	4.8	40.4	0.11	10.6	2	3	20	20	16780	1.1	11	3	0.7	0.8	1.9	28	75
2468	505614	5514032	0.4	60.9	0.09	8.3	<1	8	14	24	13240	3.9	13	2	0.5	0.6	1.4	20	67
2469	506323	5514464	0.6	41.5	0.08	4.9	<1	<2	19	15	11920	1.2	12	4	<0.3	0.8	1.3	20	59
2470	506683	5515210	1.2	66.1	0.06	5.1	<1	3	15	16	5070	2.8	14	<2	<0.3	0.7	1.2	11	76
2471	506290	5516607	3	65.9	0.14	25.1	<1	6	23	35	45730	1.9	13	4	0.6	0.8	1.8	56	102
2472	506347	5517433	5.2	52.6	0.08	14.2	2	6	17	27	10850	2.4	12	9	<0.3	0.6	1.1	18	77
2473	507278	5517002	3.5	64.3	0.11	19.7	2	4	14	42	10720	2.5	14	10	0.6	0.9	1.8	26	113
2474	508838	5517278	1.1	45.0	<0.05	6.7	1	6	11	13	6290	0.6	14	3	<0.3	0.6	1.1	10	91
2475	509657	5517016	1.7	88.5	<0.05	8.9	<1	3	4	14	3130	3.8	8	<2	<0.3	<0.3	0.8	4	80
2476	510434	5519399	4.1	89.2	0.07	3.7	<1	4	4	22	3280	1.9	14	2	<0.3	0.4	0.9	5	104
2477	511449	5519736	0.8	85.2	0.05	1.6	<1	6	4	43	1620	1.4	9	<2	0.4	0.7	1.4	4	50
2478	511327	5518752	1.4	75.8	<0.05	3	<1	2	4	32	1320	2.4	16	<2	0.3	0.7	1.4	4	57
2479	511803	5518328	1	83.6	0.07	5.7	5	<2	6	20	3700	3.1	14	<2	1.5	<0.3	1.9	6	90
2480	512377	5519307	1.3	81.5	0.07	5.8	3	4	4	54	1390	2.9	26	<2	1.2	0.9	2.4	4	63
2481	513171	5517977	0.5	87.0	<0.05	5.9	<1	4	5	6	6120	1.1	5	2	<0.3	0.4	0.9	5	19
2482	514149	5518802	2.4	10.8	<0.05	11	<1	4	16	5	8930	0.3	9	4	<0.3	<0.3	<0.6	16	27
2483	516353	5517161	1.6	28.1	0.1	1.6	<1	2	26	21	15580	3.8	18	4	<0.3	0.5	1.0	29	104
2484	516617	5517604	1.1	85.2	0.06	7.5	2	4	6	11	2940	3.7	9	3	<0.3	<0.3	<0.6	9	98
2485	517175	5517523	1.9	90.8	0.06	4.3	Inf	6	5	19	1210	3.9	10	2	Inf	Inf	Inf	6	91
2486	517041	5517982	1.9	76.4	0.08	3.9	Inf	6	9	28	2910	2.8	13	5	Inf	Inf	Inf	8	59
2487	517416	5518099	3.1	84.7	0.08	17.1	Inf	3	8	26	12250	2.8	17	10	Inf	Inf	Inf	8	83
2488	517999	5518122	5.7	59.9	0.12	13.5	4	7	21	52	16290	2.9	16	4	0.5	1.1	2.0	37	77
2489	518757	5518254	1.5	4.9	<0.05	3.4	<1	4	12	5	9440	0.5	7	<2	<0.3	0.7	1.1	14	20
2490	519437	5518830	1	63.0	0.13	8.1	<1	<2	16	34	9630	3.6	14	3	<0.3	0.7	1.2	25	96
2491	520055	5519906	0.5	39.5	<0.05	11.6	<1	6	10	13	9340	2.2	8	6	<0.3	0.5	0.9	17	60
2492	523011	5519264	3	33.6	0.14	6.4	2	8	44	23	22820	0.7	29	10	<0.3	1.1	1.6	34	102
2493	523825	5519582	2.1	27.5	0.09	8.7	16	11	25	18	13690	0.6	18	7	0.4	0.6	1.3	23	46
2494	528724	5520942	1.2	25.3	0.06	7	<1	4	24	14	30100	8	16	3	0.4	0.8	1.6	24	43
		Count	2467	2467	2467	2456	2187	2456	2467	2467	2467	2467	2467	2467	2187	2187	2187	2467	2467
		mean	3.2	51.5	0.06	4.6	1	4	19	22	10321	2.4	17	4	0.4	0.5	1.2	17	73
		Median	2.0	56.0	0.06	3.7	<1	3	17	19	7830	2.0	14	4	0.4	0.5	1.1	14	72
		Min	0.1	0.5	<0.05	<0.5	<1	<2	<1	1	212	<0.2	<1	<2	<0.3	<0.3	<0.6	<1	4
		Max	21.0	93.1	0.83	79.2	210	215	256	234	165880	45.7	96	33	4.6	39.4	39.9	164	514
		Notes:	Inf = insufficient material for analysis																
			UTM coordinates are Zone 16, NAD 83																

Metric Conversion Table

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 023	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 90**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.

M46

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